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Chapter 2

Cognitive Science

Johns-Manville

Internal Correspondence

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From: David J. Kloepfer

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Subject: J-M PRODUCT DIRECTORY-1978

Here is the 1978 Johns-Manville Product Directory. It facilitates obtaining information at a glance about more than 1800 Johns-Manville products, together with the names of the J-M Divisions and Departments responsible for their sales. Additional copies may be ordered from the J-M Service Center West.

Copies of the 1975 issue should be destroyed.

Experience with the 1975 Directory has demonstrated that one of the most useful features of the Product Directory is the information on specification compliance. It can also be the most dangerous if users make committments without properly checking current status of products or specifications.

Statements indicating degree of compliance at time of publication are shown, where applicable, beneath the product description. (See pg iii) A Specification/J-M Product Cross Reference at the back of the Directory identifies the J-M product to consider when a particular specification must be met. However, information in the J-M Product Directory must never be used as the only basis for quoting or accepting business that requires compliance with a specification or standard. Responsibility for confirming current compliance remains with the appropriate marketing organization.

If you identify any errors, please advise A.L.Padovani, Manager, Inquiry Services, WHQ.

We believe you will find the 1978 Johns-Manville Product Directory to be a valuable marketing tool.

TO: 1,44,517,52,53-S,551,552
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Johns-Manville
Product Directory
1978

Prepared by
Corporate Marketing Services Department
Johns-Manville Sales Corporation
Denver, Colorado
June 1978

For information on Johns-Manville products and systems, call
Product Information Center, 303/979-1000 extension 4636

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Introduction

This Product Directory has been carefully compiled to facilitate obtaining information at a glance about more than 1800 Johns-Manville Products, together with the names of the J-M Divisions and Departments responsible for their sales.

All Product trade names, trademarks, generic names and cross references are listed in alphabetical order. Market cross referencing has been added to help the user find appropriate Product names. Products which are no longer manufactured or marketed are included for purposes of identification only and their obsolescence is clearly stated. Trade names and trademarks are shown in bold face type.

Listings are subject to change without notice. Due to the continuously changing conditions of the marketplace, as well as steady technological advances, products are constantly being added or deleted. The current status of any product or specification must be verified with the appropriate Sales Department responsibility.

A statement indicating specification degree of compliance at time of publication is shown, where applicable, beneath the product description. In addition, there is a Specification/J-M Product Cross Reference at the back of the Directory. In this Cross Reference the specification degree of compliance statement is identified by a letter code. See page iii for detailed explanation of Specification Information.

For explanation of Division/Department Sales Responsibility Code shown in brackets beneath the Product Name, see page ii.

The J-M Product Directory has been made possible through the assistance and with the cooperation of many Johns-Manville Specialists, including people in marketing, research, quality assurance, and engineering and technical services.

While every effort has been made to insure utmost accuracy in this reference guide, Johns-Manville can assume no responsibility for any errors which may have been inadvertently introduced.

The Editors

Division/Department Sales Responsibility Codes

Under each product name in the Product Directory is a code which indicates the Division/Department Sales Responsibility. The key to this code is:

Code	Division/Department
AFD	Asbestos Fiber Division
BSD/ICP	Building Systems Division Industrial Construction Products Department
BSD/PEBS	Building Systems Division Pre-Engineered Building Systems Department
CPD	Canadian Products Division (see page 10)
F&MD	Filtration and Minerals Division
F&MD/SP	Filtration and Minerals Division Scientific Products Department
HAM	Hamilton Papers
HOLO	Holophane (Lighting)
HOLO/AC	Holophane Acoustical Ceiling Systems Department
HOLO/ILS	Holophane Interior Lighting Systems Department
INT	International Division (see page 36)
IPD/IS	Industrial Products Division Insulation Systems Department
IPD/RP	Industrial Products Division Refractory Products Department
IPD/SS	Industrial Products Division Structural Systems Department
ISD/ATB	Industrial Specialties Division Ag-Turf Brass Department
ISD/FGSM	Industrial Specialties Division Fiber Glass Specialty Mat Department
ISD/PP	Industrial Specialties Division Pipeline Protection Department
ISD/SC	Industrial Specialties Division Sealing Components Department
PD	Pipe Division
PD/CHAC	Pipe Division Central Heating and Cooling Department (**Thermopipes**)
RFPC	Railroad Friction Products Corporation
RPMD	Residential Products Marketing Division

Specification Information

Specification references in this Directory indicate status at the time of publication. Confirmation of current compliance must be obtained from the Sales Department responsibility.

In addition, products vary in their degree of compliance with specifications. A statement indicating specification degree of compliance is shown, where applicable, beneath the product description under *Specification Information*.

Also included is a Specification/J-M Product Cross Reference at the back of the Directory. The Cross Reference is organized in three sections:

Federal and Military Specifications (numerical sequence)

American Society for Testing and Materials (alphabetical-numerical sequence)

Other Specifications (alphabetical sequence)

To the left of each product name in this Cross Reference is a letter code. This letter code identifies the applicable degree of compliance statement as shown below and in the Cross Reference.

STD = Standard product complies with (Specification Number). *If certification is required it must be requested on purchase order and acknowledged by J-M.*

REQ = Compliance with, and/or certification to, (Specification Number), *can be furnished only when requested on purchase order and acknowledged by J-M.*

PEX = Compliance with, and/or certification to, (Specification Number), *subject to possible exception(s), can be furnished only when requested on purchase order and acknowledged by J-M.*

A

Accentua Architectural Panels
[BSD/PEBS]
Smooth surfaced mineral fiber cement panels used in the metal building market. See **Rentone** Architectural Panels.

Access Ceilings
[HOLO/AC]
No longer manufactured. Was to provide easy access to the plenum space in which the **Temper-Tone** 360 Access Tile was used.

ACE Wallboard
[INT]
Asbestos-cement extruded panels made only in Belgium.

Acid-Washed **Celite** Filter Aid
[F&MD]
A calcined grade receiving an acid washing treatment. This treatment used to provide exceptionally pure material. All grades of **Celite** are available acid-washed (AW).

Acousti-Blend Paint
[HOLO/AC]
No longer manufactured. Was a paint used to touch up spots on mineral fiber acoustical ceiling tiles and panels.

Acousti-Clad Ceiling Tile
[HOLO/AC]
All Styles of **Acousti-Clad** no longer manufactured. Was an aluminum-clad felted mineral tile made for ceilings where moisture and cleanliness were essential.

Acousti-Filler Compound
No longer manufactured. Was a putty-like patching compound used for fill-in purpose on ceiling tiles and panels.

Acousti-Shell Ceiling Panel
[HOLO/AC]
J-M trademark for a strongly textured, white-painted surface pattern of the Sculptured Fiber Glass family of ceiling panels.
Specification Information:
Standard product complies with SS-S-118A, Type IX. *If certification is required it must be requested on purchase order and acknowledged by J-M.*

Acustidom Ceiling Panel
[INT]
A molded fiber glass ceiling panel.

Adaptors for Pipe
[PD]
Devices for connecting pipe to other piping materials and to other size pipes for use with **Transite** Pipe, PVC Pipe and **Permastran** Pipe.

Adhesive, No. 22 Primer
[ISD/PP]
No. 22 Primer-Adhesive specifically developed for bonding corrosion-prevention materials to metal surfaces. Ideally suited for application under J-M **Trantex** Tapes, it increases the effectiveness of the wrap by providing a strong, continuous bond, and its special formula lends added protection against corrosion-causing factors.

Adhesive No. 44
[IPD/IS]
No longer manufactured. Was used for fastening duct liners to sheet metal ducts.

Adhesive No. 57
[IPD/IS]
An **Aerotube** insulation accessory item available in 1 pint, 1 quart, and 1 gallon cans. The flash point for No. 57 Adhesive by the open cup method is less than 20F.

Adhesive Type M
[IPD/IS]
No longer manufactured. Was a **Micro-Aire** accessory item.

Adsorbents and Stabilizers
[F&MD]
See Synthetic Silicates.

AEF-2 Through AEF-16 Tapes and Sheets
[ISD/SC]
See Grafoil* Tapes and Sheets. (*Union Carbide trademark).

Aegean Architectural Panels
[BSD/ICP]
Finely textured, flat surface mineral fiber cement panels for both interiors and exteriors. Available in 5/8" nominal thickness, 4' x 8' only, in colors Warm White, Desert Tan, Taupe, Smoke and Stone Gray.

Aerospace Insulations
[IPD/IS]
See: **Dyna-Flex** Insulation; "E" Felts; Encapsulated Insulation; Felts, "475"; High Purity Quartz Fiber; **Metal-Clad** Duct Insulation; **Metal-Clad** Preformed Insulation; **Metal-Clad** Shrouds; **Metal-Clad** Structural Panels; **Metal-Clad** Wrap-Around Blankets; **Micro-Fibers** Felt; **Micro-Fibers** Web and Mat; **Micro-Foil** Insulating Tape; **Min-K** Insulation, Molded and Flexible; **Microlite** AA Insulation; **Microlite** B Insulation for Aircraft; **Q-Felt** Insulation; **Q-Fiber** Insulation; **Sonite** Insulation; **Thermoflex** Bulk Fiber, Felt and Tape.

Aerotube and **Aerotube** II Pipe Insulation
[IPD/IS]
A closed cell, foamed plastic, elastomeric tubular pipe insulation for use at temperatures up to 200F. Its flexibility permits easy application, especially on bent tubing and fittings. Clean, ordorless and durable, does not carry flame, and is self-extinguishing. Recommended for use on virtually all types of lines in heating, plumbing, and air-conditioning service, particularly where sweating or condensation is a problem. Supplied in tubular form, it may be slipped over pipe or tubing before pipe connections are made. **Aerotube** II has a flame spread rating of 25 or less.
Specification Information:
Compliance with, and/or certification to, HH-I-573B, Class T; MIL-C-3133B (MIL-STD-670B, Grade SBE 3); ASTM-C-534, Type I; ASTM-D-1056 (SBE 41-42); MIL-P-15280G, Form T for **Aerotube** II, *can be furnished only when requested on purchase order and acknowledged by J-M.* Standard product complies with CGSB 51-GP-40M. *If certification is required it must be requested on purchase order and acknowledged by J-M.*

Aerotube and **Aerotube** II Sheet Insulation
[IPD/IS]
A closed cell, elastomeric foamed plastic sheet material for use on dual-temperature systems at temperatures up to 220F. Because of its flexibility, it can be readily applied to large tanks and vessels of irregular shapes and sizes. Designed specifically for tanks, ducts and for pipe sizes greater than 5" on lines operating as high as 220F, particularly where sweating or condensation is a problem. **Aerotube** II has a flame spread rating of 25 or less.
Specification Information:
Compliance with, and/or certification to, HH-I-573B, Class S; MIL-C-3133B (MIL-STD-670B, Grade SBE 3); ASTM-C-534, Type II; ASTM-D-1056 (SBE 41-42); MIL-P-15280G, Form S for **Aerotube** II, *can be furnished only when requested on purchase order and acknowledged by J-M.* Standard product complies with CGSB 51-GP-40M. *If certification is required it must be requested on purchase order and acknowledged by J-M.*

Aerotube Insulation Tape
[IPD/IS]
An elastomeric, closed cell 2" wide all-purpose tape generally used as an inexpensive pipe wrap. Available 1/8" thick in 30 ft. rolls.

"A" Fiber Flotation Wool
[IPD/IS]
Made of flame-attenuated glass fibers. Minimum order 25,000 pounds, size is 1" x 76" (untrimmed) x 100' (slit to required widths); density is approximately 0.55 pounds per cubic foot.
Specification Information:
Compliance with, and/or certification to, MIL-B-2766B, *subject to possible exception(s), can be furnished only when requested on purchase order and acknowledged by J-M.*

Air and Liquid Filter Media
[F&MD]
A family of fiber glass products composed of borosilicate glass fibers laid down in a thin felt bonded with phenolic resin. When installed in air cleaning filters, these media help keep building interiors clean and combat air pollution by trapping dust particles. Liquid Filter Media provide high efficiency filtration and coalescing. J-M Air and Liquid Filter Media are designed to enable the equipment manufacturer to produce filters covering a wide range of efficiencies, depending on the configuration and choice of filter medium. Designated as AF or LF in Types: -3, -4, -11, -18, -21 and GP. Other products used for Air and Liquid Filter Media are: **Microlite** Plain; Unbonded-B Fiberglass Blanket; Unbonded SG Blanket; **Spin-Glas** 800 Boards; Filter Tubes, Special.

Air Cushion "U" Cup
[ISD/SC]
Precision molded dual lip-type rubber or compound/fabric packing cup used in cylinder and piston applications such as in air cylinders, forming presses, and air-operated piston-actuated clutch mechanisms. At times a center space pedestal may be required.

Air Handling Systems
[IPD/IS]
J-M offers a comprehensive line of products used for residential, commercial and industrial air-conditioning and heating systems, in new structures as well as for replacement or modernization of older systems. See: **Fiber Grip** Mechanical Closure System; **Flex-Met** Aluminum Duct; **Flex-Met** Sealant Tape; **Linacoustic** Duct Liner; **Linacoustic** R Plenum Liner Board; **Microlite** Duct Liner with BPC; All **Micro-Aire** Products; Slip Joint Tool; **Therm-Lock** Closure Strip with ABI; **Transite** Air-Vent Duct.

Air-Vent Duct
[IPD/IS]
See **Transite** Air-Vent Duct.

Algae Resistant **Seal-O-Matic** Shingles
[RPMD]
Developed for southern homes. Algae causes unsightly roof discoloration and this shingle is a result of the development of a specific granule with unusual resistance to fungus growth. Available in styles: Fiber Glass/3-Tab; **Fire-Glass** III; **Fire-King**; **Fire-King** III; **Rampart**;Rustic **Rampart** (available 1/1/79).

All Purpose Fiber Glass Insulation
[RPMD]
All Purpose Fiber Glass Insulation is ideal for the home handyman; comes in rolls, 1" thick, 24" wide, 100 feet long. Some of its many uses include: auto hood liner, hot water tank wrap, pipe and duct wrap, door insulation, and various other applications.

Alumi-Flex Modular Ceiling Suspension System
[HOLO/ILS]
This is heavy-duty suspension system offering fine intersection details. Available for use with Series 1000 and 5000 Integrated Ceiling Systems.

Aluminized Asbestos Cloth
[ISD/SC]
Consists of a base of lightweight Underwriter's Grade Asbestos Cloth to which is laminated a polyester film, one side of which has been metalized by a vapor distilled deposit of aluminum. Available on Special Product Price Inquiry. Contact Sales Office.

Aluminum Moldings
[BSD/ICP]
Moldings for use with **Permatone** "S" Panels are available from outside vendor: Porce Len Inc., Hamden, CT.

American Colonial Shingle
[RPMD]
No longer manufactured. Was an asbestos shingle.

Angel Hair
[CPD]
It is a fiber glass Christmas ornament consisting of relatively long glass fibers of uniform diameters. Packaged in a polyethylene sleeve.

Anti-Siphon Valve
[ISD/ATB]
See Atmospheric Vacuum Breaker.

Appliance Insulation
[INT]
Product identification of a fiber glass insulation made only in Singapore. For American-made products suitable for appliance applications, see Equipment Insulations.

Aqua Packing
[ISD/SC]
Styles C-182 and C-182RH Pump and Valve Packings.

Aqua-Cel Filter Cartridge
[F&MD]
For swimming pool water filtration, cartridge consists of an inorganic glass fiber filter media bound with a phenolic resin, a polypropylene core and sock. It is available in multiple lengths for time-saving installation and service. **Aqua-Cel** Cartridges are 2-5/8″ OD x 1-1/16″ ID available in type AC100E (9 3/4″ length), AC100K (19 1/2″ length), AC100U (29 1/4″ length) and AC100X (39″ length).

Aquadam Bitumen
[BSD/ICP]
A waterproofing bituminous material designed for use in the construction of low slope built-up roofs. Grade specified by softening point: 140F and 150F. Also see: Asphalt Bitumen.

Aquapatch Cement
[BSD/ICP]
An asphalt-based product reinforced with asbestos fibers to provide a tight seal on wet surfaces. Used to repair flashings and gutters; to form a tough, durable seal around chimneys and wet pipes; and to fill cracks and holes.

Aquarium Wool
[CPD]
Consisting of relatively long glass fibers of uniform and closely controlled diameter, it is used as a filter medium. Furnished in bulk, or packaged in a polyethylene sleeve.

Architectural Panel Accessories
[BSD/ICP]
Architectural Patching Compound used to cover fastener heads furnished in kit form consists of 1/2 pound of dry mix, one quart liquid binder and one roll of aluminum tape for Architectural Panels 5/8″ thickness only in colors to match panels. Trim Head Screws, J-M-AP-103 Stainless Steel Screw, Phillips Head 3/16″ diameter and 1″ and 1-5/8″ in length, self-drilling, self-tapping. Used with Architectural Patching Compound to face-fasten Architectural Panels to 16 gauge – 20 gauge steel framing members, and J-M-AP-103S stainless steel screw for fastening 20 gauge – 26 gauge steel.

Architectural Site Light Luminaire
[HOLO]
A spherical luminaire with effective prismatic glass directional reflector with 250W and 400W mercury, metal halide, or HPS lamps, integral ballasts for comfortable effective architectural lighting of numerous commercial outdoor areas.
Specification Information:
Standard product complies with UL requirement. *If certification is required it must be requested on purchase order and acknowledged by J-M.*

Armor-On Architectural Panel
[BSD/ICP]
No longer manufactured. Was an autoclaved, mineral fiber reinforced, artifical stone panel.

Asbaltic Asbestos Fiber
[AFD]
J-M trademark for the grade of asbestos fibers developed for bridge deck membranes.

Asbestica Tape
[ISD/SC]
A silica impregnated asbestos tape for wrapping electrical cable.

Asbestile Cement
[BSD/ICP]
A heavy-bodied plastic cement of asbestos fibers, asphalt and other mineral ingredients. Specifically designed for sealing flashings with a watertight bond. Used with the **Asbestile** Flashing System.
Specification Information:
Compliance with, and/or certification to, ASTM-D-2822 *subject to possible exception(s), can be furnished only when requested on purchase order and acknowledged by J-M.*

Asbestoboard Sheets
[BSD/ICP]
Mineral fiber-cement sheet similar to **Flexboard** Sheet. It is a Type U (Utility) sheet for general utility construction where it is not essential to have the best in flexibility, density and low moisture absorption. Available in thicknesses 3/16", 1/4", 3/8" and 1/2", in sheets 4' x 8' and 4' x 10'.
Specification Information:
Standard product complies with ASTM-C-220, Type U. *If certification is required it must be requested on purchase order and acknowledged by J-M.*

Asbestogard Adhesive
[BSD/ICP]
Designed specifically for the cold application of **Asbestogard** Felt to metal decks. It is of pourable consistency so it can be roller applied in a continuous film.

Asbestogard Felt
[BSD/ICP]
An asbestos vapor-retardant felt reinforced with fiber glass. Used in insulated roofing systems over steel decks.

Asbestos Base Flashing (Reinforced)
[BSD/ICP]
A flashing or edging material made from asphalt-saturated asbestos felt reinforced with fabric. It is used at edges, joints, and angles of built-up roofs.

Asbestos-Cement Flat Sheets
[INT]
Made in Belgium, these sheets are regular and hard-pressed.

Asbestos-Cement Products
[PD]
See all **Transite** Products; Asbestos-Cement Sheets

Asbestos-Cement Roofing Shingles
[INT]
Asbestos-cement roofing shingles are made only in Belgium. U.S. production has been discontinued.

Asbestos-Cement Sheets
[BSD/ICP]
See Sheets: **Asbestoboard; Asbestos Ebony; Chemstone; Colorceran; Colorlith; Electrobestos; Flexboard; Ohmstone; Transite;** Panels, Architectural Composite Building.

Asbestos Ebony Sheets
[BSD/ICP]
Structural sheets composed of mineral fiber and Portland cement bonded under pressure and impregnated with a special asphaltic electrical insulating compound. Used as base for current-carrying parts. Will not delaminate, shrink or crack under normal conditions of usage. Unaffected by water, oil, gas, most common chemicals and rapid changes in temperature below its limit of 250F. Available in standard sizes 4' x 8' in thicknesses of 1/4, 3/8, 1/2, 5/8, 3/4, 1, 1-1/4, 1-1/2, 1-3/4 and 2 inches.

Asbestos Felts for Built-Up Roofing Systems
[BSD/ICP]
See: **Asbestogard**; Asbestos Finishing Felt; **Blue Chip** Asbestos Finishing Felt; **Centurian** Base Felt; Coated Asbestos Base Felt; Cold Application Felt; **Flexstone** Mineral Surface Cap Sheet; Special Coated Asbestos Base Felt; Reinforced Base Flashing; **Ventsulation** Base Felt.

Asbestos Fiber
[AFD]
Asbestos Fiber is inorganic, fibrous, strong, flexible, and nonflammable. It bulks, reinforces, adds flexibility, provides dimensional stability, and resists time, weather, and fire. It is available in over 60 standard and special grades. Each designation defines a distinct grade that is suitable for certain industrial applications. These grades are further defined as to textural characteristics. It is used in a variety of products such as textiles, paper, plastics, cement products, friction materials, paints, coatings, caulkings, to name a few. See: Asbestos Fiber, Group 3 through Group 7; **Chlorbestos; Paperbestos; Plastibest.**

Asbestos Fiber, Group 3
[AFD]
Group 3 Asbestos Fiber has Grade 3T12 as the standard Group 3 fiber available from **J-M.** It is a semi-opened chrysotile fiber used for asbestos textiles and chlorine cells.

Asbestos Fiber, Group 4
[AFD]
Group 4 Asbestos Fiber is available in the standard Group 4 fibers of the Quebec Standard Grades 4D, 4K, and 4T. These fibers are available in crudy, semi-open and open forms. The crudy 4T fibers are the standard asbestos cement grade.

Asbestos Fiber, Group 5
[AFD]
Group 5 Asbestos Fiber is available in the Quebec Standard Grades of 5K, 5R, and 5Z. Most of these grades are available in crudy, semi-crudy, semi-open, and open textures. These grades are most often used in brake blocks and friction materials, asbestos-cement sheets, paper, and plastics reinforcement.

Asbestos Fiber, Group 6
[AFD]
Group 6 Asbestos Fiber is available in grades 6D30, 6D24, 6D20, and 6D04. The 6D grades of fiber are used in asbestos sheets, asbestos paper and friction materials.

Asbestos Fiber, Group 7
[AFD]
Group 7 Asbestos Fiber is available in grades 7D, 7F, 7H, 7K, 7M, 7R, 7RF, 7T and 7TF. These grades are available in low, medium, and high bulk and absorption. The longer Group 7 fibers are widely used in paper, sheet goods, flooring, and friction materials. The shorter Group 7 fibers are used in asphalt coatings and sealants, caulkings, plastics, floor tiles, and other filler applications. Float grades available are 7R1, 7RF01, 7TF1, and 7TF02. These fibers are short fibers used for reinforcing and fillers. They find application in joint cements, sprayed automobile underbody coatings, textured paints, caulking compounds, plastics, and in various other applications.

Asbestos Finishing Felt
[BSD/ICP]
An asphalt-impregnated asbestos felt weighing approximately 15 lbs. per square (4 sq./roll except in 3 sq./roll on West Coast). These felts are used for asbestos and combination organic felt, and asbestos built-up roofs. Available perforated or unperforated. The unperforated felt is used for waterproofing applications below grade and is known as No. 15 Asbestos Waterproofing Felt.
Specification Information:
Compliance with, and/or certification to, HH-R-590A, Type I, Class A (Perforated), Type II Class A (Unperforated); Type II Class B for No. 15 Asbestos Waterproofing Felt; ASTM-D-250; Navy TS-07510, *subject to possible exception(s), can be furnished only when requested on purchase order and acknowledged by J-M.*

Asbestos **Firetard** Jacket
[IPD/IS]
A lamination of heavy asphalt-saturated felt and plain asbestos felt, it is a weatherproofing jacket designed for use where resistance to the spread of fire is of primary importance. Available on a Special Product Price Inquiry basis.

Asbestos Paper
[AFD, IPD/RP, ISD/SC]
A felted sheet material in thicknesses through 1/16″ (.006 to .062), it becomes known as Asbestos Rollboard when produced in a 1/8″ (.125) thickness. Composed principally of asbestos fiber and a small percentage of binder. Available in standard rolls of various widths and sizes, also in tape form. J-M makes a variety of standard types of paper as well as custom formulation for large industrial users. Used where insulation of minimum thickness is required to protect against fire, heat or corrosion. Many specialty uses. See: Asbestos Paper; Asbestos Paper Tape; Asbestos Welding Paper; **Doublex** Asbestos Paper; **Fibroid** Asbestos Paper; Long Fiber Asbestos Paper; Non-Burn Asbestos Paper; Special Long Fiber Asbestos Paper.

Asbestos Paper Style 764
[ISD/SC]
Style 764 Asbestos Paper is a felted sheet material in thickness from .006″ to .062″ composed principally of asbestos fiber (95%) and a small percentage of binders. It is suitable for temperatures to 400F.

Asbestos Paper Tape
[IPD/RP, IPD/IS]
Made from 12 lb. Asbestos Paper, available in roll widths of 2″ and 3″, in 84 foot lengths. It is felted, composed of asbestos fiber and binder. Used to wrap duct joints and in many other applications.

Asbestos Pipeline Felt – Non-Reinforced
[ISD/PP]
No longer manufactured. Was an asbestos fiber felt for use as outer shield in severe soil conditions. See **Transhield** Pipeline Felt for an asbestos felt wrap reinforced with fiber glass.

Asbestos Pipeline Felt – Reinforced
[ISD/PP]
See **Transhield** Pipeline Felt.

Asbestos Rollboard
[IPD/RP, ISD/SC]
A felted sheet material in a thickness of .125″ composed principally of asbestos fiber and a small percentage of binder. J-M makes a variety of types to fit the needs of shop and industry. Used where an insulation of minimum thickness is required to protect against fire, heat or corrosion. Many specialty uses. Style 765 Asbestos Rollboard available through ISD/SC.
Specification Information:
Compliance with, and/or certification to, HH-P-1784, *can be furnished only when requested on purchase order and acknowledged by J-M.*

Asbestos Rollboard Style 765
[ISD/SC]
A felted sheet material in thicknesses from .094″ to .125″ composed principally of asbestos fiber and a small percentage of binder. Available in tape form. Suitable for temperatures to 400F. Style 765 will withstand high temperatures that would damage conventional papers and wallboards.

Asbestos TFE* Sheet
[ISD/SC]
Identified as Style 91. Made from white, asbestos cloth impregnated with TFE* suspensoid. Used primarily for solvent and caustic service but also may be satisfactory in weak or dilute acid conditions. Temperature to -320F to 500F.
(*tetrafluoro ethylene)

Asbestos Welding Paper
[IPD/RP, IPD/IS]
A 32 lb. paper, 1/16″ thick, with low organic content, used to protect adjacent parts from heat, smoke, sparks during welding. Also used to control cooling rate in annealing process.

ASL Luminaire
[HOLO]
An outdoor architectural site light. Basically spherical with unique internal prismatic glass reflector. Lamps to 1000W mercury and metal halide, and 400 HPS. Pole mounted singly or in clusters, as well as wall mounted.
Specification Information:
Standard product complies with UL requirement. *If certification is required it must be requested on purchase order and acknowledged by J-M.*

Asphalt Bitumen
[BSD/ICP]
Waterproofing bituminous materials used in the construction of built-up roofs. They are grade specified by softening point: 170F, 190F and 220F. For low slope roofs, see **Aquadam** Bitumen.

Asphalt Plank Cement
[BSD/ICP]
See **Dura-Tred** Cement.

Asphalt Saturated Felts, No. 15 and No. 30
[RPMD, BSD/ICP]
Rag (organic) felt used as underlayment felt for asphalt roofing.
Specification Information:
Compliance with, and/or certification to, HH-R-595B; ASTM-D-226, Types I for No. 15, and II for No. 30; Navy TS-07510 for No. 15, *subject to possible exception(s), can be furnished only when requested on purchase order and acknowledged by J-M.* Compliance with, and/or certification to, UL, *can be furnished only when requested on purchase order and acknowledged by J-M.*

Asphalt Shingles
[RPMD]
Conventional asphalt shingles are available in **Seal-O-Matic** styles. See: Standard **Seal-O-Matic**; **The Highlands** Shingles. Fiber glass asphalt shingles are available in **Seal-O-Matic** styles. See: Fiber Glass/3-Tab; **Fire-Glass III**; **Rampart**; Rustic **Rampart** (available 1/1/79); **Fire-King**; **Fire-King III**; **The Woodlands** Roof.

Atmospheric Vacuum Breaker Models 710 and 715
[ISD/ATB]
The Atmospheric Vacuum Breaker (sometimes called an anti-siphon valve) is the basic protective device in the field of cross connections. It finds its place in a wide variety of applications where the vacuum breaker can be installed on the discharge side of the last control valve. (Open end service.) To be used for back siphonage only and not back pressure. **FEBCO** No. 710 and 715 valves assure positive protection against back-siphonage of impure water into the main supply in the event that pressure loss causes vacuum conditions. Restoration of pressure shuts off the air intake and reopens the valve. Some applications: X-ray tanks, chemical vats and sprinkler systems.
Specification Information:
Standard product complies with SBCC; USC-FCCC & HR; ASSE; IAPMO. *If certification is required it must be requested on purchase order and acknowledged by J-M.*

Automotive Equipment Insulation
[IPD/RP]
For semi-rigid, premolded fiber glass automotive insulating components, see: Bus Panel Insulation; Floor Insulation; Hoodliners; Side Cowl Insulators; **Topliner** Headliner; Van Engine Housing Insulators.

B

Backflow Prevention Devices
[ISD/ATB]
Used to prevent water that has already passed a specific point, and which may have become contaminated or polluted, from flowing back into the clean system. See: Atmospheric Vacuum Breaker; Double Check Valve Assembly; Pressure Vacuum Breaker Assembly; Reduced Pressure Backflow Preventers.

Banroc Blankets
[IPD/IS]
No longer manufactured. Were felted, spun mineral fiber blankets secured between outer facings of metal fabrics.

Banroc H.T. Block Insulation
[IPD/IS]
A structurally strong and thermally effective insulating material made from felted spun mineral wool fibers bonded with a clay binder. For insulating furnaces, boilers, heated vessels and tanks.
Specification Information:
Compliance with, and/or certification to, HH-I-558B, Form A, Class 5; ASTM-C-612, Class 5, *subject to possible exception(s), can be furnished only when requested on purchase order and acknowledged by J-M.*

Banroc M Block Insulation
[IPD/IS]
No longer marketed. Was a block type insulation made from felted, spun mineral fibers with binder added.

Bantam Prismatite Luminaire
[HOLO]
A compact, rugged, enclosed and gasketed luminaire designed for general utilitarian use in industrial areas and is suitable for catwalks and loading docks. Available integrally ballasted for mercury vapor, metal halide and high pressure sodium lamps.
Specification Information:
Standard product complies with UL requirement for Wet Location. *If certification is required it must be requested on purchase order and acknowledged by J-M.*

Bantam Prismpack Luminaire
[HOLO]
A compact, rugged, open or enclosed and gasketed luminaire designed to accept low wattage mercury, metal halide and HPS lamps with integral ballasts and choice of light distribution. Ideally suited for catwalk, loading docks, and other low mounting height applications.
Specification Information:
Standard product complies with UL requirement for wet locations. *If certification is required it must be requested on purchase order and acknowledged by J-M.*

Bantam 5000 Series
[HOLO]
Small recessed, glass reflector, open lighting fixtures with baffle trim, louver guard or wire guard for use in offices, stores and institutions. Integrally ballasted units for mercury lamps.
Specification Information:
Standard product complies with UL requirement. *If certification is required it must be requested on purchase order and acknowledged by J-M.*

Battery Separator Mats
[ISD/FGSM, ISD/PP]
See **Dura-Glass** Mat.

Besto-Tak Tapes
[ISD/SC]
No longer available. Were asbestos tapes with pressure-sensitive adhesive backing.

Big Eye Luminaire
[HOLO]
Emergency lighting available with two incandescent lamp heads or one, adjusted horizontally or vertically. When power interruption occurs incandescent lamp comes on instantly and stays on for 90 minutes minimum. Range from 18 to 35 watts. Available in surface-attached models (M-12 Series) and models suitable for T-bar ceilings (M-15 Series).
Specification Information:
Standard product complies with UL requirement. *If certification is required it must be requested on purchase order and acknowledged by J-M.*

Black Oil-Proof Rubber Sheet
[ISD/SC]
Identified as Style 112. An oil-resisting sheet material made of commercial grade CR (Neoprene). Temperature to 250F.
Specification Information:
Compliance with, and/or certification to, MIL-R-3065C, Class SC-705; ASTM-D-2000, Class 3BC-705, A14, *can be furnished only when requested on purchase order and acknowledged by J-M.*

Black Plastic Cement
[RPMD]
A heavy-bodied, asbestos-reinforced plastic asphalt cement. Furnished in cans and drums, it is applied cold with a trowel, and used for patching roofs.
Specification Information:
Compliance with, and/or certification to, ASTM-D-2822; SS-C-153C, Type I, Class A and Type I, Class B, *subject to possible exception(s), can be furnished only when requested on purchase order and acknowledged by J-M.* Compliance with, and/or certification to, NY Fire Dept. Certificate of Approval 2224, *can be furnished only when requested on purchase order and acknowledged by J-M.*

Black Rubber Sheet
[ISD/SC]
Identified as Styles 110 and 114. Blended SBR rubber with a smooth finish. Suited for hot and cold water, air and saturated steam. Style 114 can be used in service against mild acid. Temperatures to 180F.
Specification Information:
Compliance with, and/or certification to, ASTM-D-1330, Class II, for Style 110, *can be furnished only when requested on purchase order and acknowledged by J-M.*

Black Sheathing Paper
[RPMD]
No longer manufactured. Was a 25 lb. asphalt felt for use under roofs and on walls.

Blakite Refractory Mortars
[IPD/RP]
A wet, ready-mixed, air-setting refractory bonding mortar. Temperature limit 3000F. Used for laying insulating fire brick or refractory brick, and shallow patching hot or cold surfaces.

Blak-Kap Duplex Roofing
[RPMD]
A smooth-surfaced, fiber glass reinforced mineral fiber roofing, approximate weight 75 pounds per one square roll, designed for double coverage application. The 19" overlap is sealed with **Duplex** cement.
Specification Information:
Compliance with, and/or certification to, ASTM-E-108, *subject to possible exception(s), can be furnished only when requested on purchase order and acknowledged by J-M.*

Blazecrete Gunning Mixes
[IPD/RP]
Dense monolithic refractories for gunning and slap-troweling. Used in building new and repairing old refractory linings. Two types available for service temperatures to 2300F and 3000F. Identified as **Blazecrete** 2300 and **Blazecrete** 3000.

Blazelite 2000 Gunning Mix
[IPD/RP]
An insulating monolithic refractory for gunning or slap-troweling. Used for stack linings and for fire protection purposes – tanks, structural steel and skirts. For service to 2000F.

Blowing Wool Building Insulation
[RPMD]
Blowing Wool is chopped or granulated fiber glass insulation designed to be installed by commercial type blowing wool machines. Packaged in 25 lb. bags.
Specification Information:
Compliance with, and/or certification to, HH-I-1030A, Type I, Class B, *subject to possible exception(s), can be furnished only when requested on purchase order and acknowledged by J-M.*

Blue Brute, The
[PD]
J-M trademark for PVC Class Water Pipe.

Blue Chip Built-Up Roofing System
[BSD/ICP]
A premium roof that can be guaranteed from the deck up. Not just the membrane, but the entire system. J-M's **Blue Chip** System Guarantee includes the entire roofing system of vapor retardant, insulation and waterproofing membrane, and it can include the major flashing elements if desired.

Blue Chip Finishing Felt
[BSD/ICP]
A premium asbestos felt used as a finishing felt in the **Blue Chip** Roofing System.
Specification Information:
Compliance with, and/or certification to, HH-R-590, Type I, Class A; ASTM-D-250, *subject to possible exception(s), can be furnished only when requested on purchase order and acknowledged by J-M.*

Blue Flag Pipe Wrap
[ISD/PP]
Fiber glass mat with parallel glass yarn reinforcement. Used to reinforce pipeline enamels. J-M **Blue Flag** pipe wrap is strong and tough, has an exceptionally high resistance to the ravages of water and soil chemicals, will not absorb moisture, rot or decay. The secret: "hard" lime-borosilicate glass, specially developed by J-M. Also available without glass yarn reinforcement. Available .020" thick in widths up to 18" and 2000 feet maximum length.
Specification Information:
Standard product complies with AWWA-C-203; NACE. *If certification is required it must be requested on purchase order and acknowledged by J-M.*

Body Sealer Types A and B
[ISD/SC]
No longer manufactured. Were permanently plastic synthetic resin compounds for sealing bolt fastened joints against the passage of air, dust and moisture.

Bomber Cloth
[ISD/SC]
See Firewall Sheet.

Brass Castings for Industry
[ISD/ATB]
Available on custom-made basis. Contact A.W. Spedding, Sales Manager, located at Fresno, California, (209) 442-8511.

Brick Design Roll Siding
[RPMD]
No longer manufactured. Was an asphalt roll material with a design resembling brick.

Bridge Plank
[BSD/ICP]
A preformed slab or plank consisting of asphalt, organic fiber and mineral filler, suitable for bridge surfacing. Available mineral surface and smooth surface. Applied with **Dura-Tred** cement.

BTL-WTL Sheet
[BSD/ICP]
A flashing of Tedlar* on a base sheet of Nitrile (Buna-N Elastomer). Available white or black, in 16", 32" and 48" widths, 50 foot length. (*DuPont T.M. for polyvinyl film)

Buckner Equipment
[ISD/ATB]
J-M trademark which identifies sprinklers, valves and controllers used in the irrigation business.

Building Board
[RPMD]
No longer manufactured. Was an insulating board made of wood fibers, for interior walls and ceilings.

C

Cable Fireproofing Tape No. 55
[ISD/SC]
Made of silicone-impregnated asbestos, provides maximum burn-out protection available in a cable wrapping tape.

Calcium Silicate
[IPD/IS, IPD/RP]
See: **Thermo**-12 Products; **Marinite** XL Insulation Panels.

Canadian Products Division
[CPD]
The following products are manufactured exclusively in Canada and marketed by the Canadian Products Division:
Angel Hair;
Aquarium Wool;
Friction Fit Batts;
Handi-Pak Rolls;
Microflex Insulation;
Pouring Insulation;
PVC Ring-Tite Plastic Municipal Stub Sewer Pipe;
Soil Pipe;
Vapor Barrier Backed Rolls;
Vapor Barrier Backed Batts;
Additional products manufactured in Canada and marketed by the Canadian Products Division:
Air-Vent Duct;
Asbestos-Cement Products;
The Blue Brute;
Cements 375, 460 and 508;
Duxseal Compound;
Electrical Duct;
Fittings for Pipe;
Insulating and Finishing Cements;
Korduct, **Transite** Duct;
Microlite "L" Insulation;
Microlite Plain;
Microlite Standard Duct Insulation;
Micro-Lok 650 Insulation;
PVC Class Water Pipe;
PVC Gravity Sewer Pipe and Fittings;
PVC Pressure Pipe and Fittings;
Thermo-12 Block Insulation;
Thermo-12 Pipe Insulation;
Thermo-12 Pipe Insulation with Extended Legs;
Transhield Pipeline Felt;
Transite Air-Vent Duct;
Transite Electrical Duct and Fittings;
Transite Non-Pressure Sewer Pipe and Fittings;
Transite Non-Pressure Small Diameter Sewer Pipe and Fittings;
Transite Pressure Pipe 6″ through 24″;
Water Pipe.
Most of the other products mentioned in the Directory are available for sale through the Canadian Products Division by importing from other locations.

Canyon Ceiling Panel
[HOLO/AC]
No longer manufactured. Was a trademark for a ceiling panel surface pattern.

Caribe Series Luminaires
[HOLO]
An outdoor architectural series of 12 enclosures consisting of spheres, hard cubes, soft cubes, cylinders, and lantern shapes. For use with mercury and metal halide up to 175W, HPS up to 150W and incandescent up to 300W. Most heads available in clear, bronze and white, in acrylic and polycarbonate. Available for pole mounting, singly or in clusters, and single wall mounting.
Specification Information:
Standard product complies with UL requirement. *If certification is required it must be requested on purchase order and acknowledged by J-M.*

Castables and Gunning Mixes
[IPD/RP]
Four types of hydraulic-setting refractories are available to meet many needs for either castable refractories or gunning and slap-troweling mixes. See: **Blazecrete** Gunning Mixes; **Blazelite** 2000 Gunning Mix; **Firecrete** Castables; **Firelite** Castables.

Catalyst Carriers
[F&MD]
A generic name covering **Celite** Diatomite fillers which make them an ideal support for catalysts in many industrial processes. Available in powder, granular, and pelletized forms, they are widely used wherever an inert, porous silica support is indicated. See **Celite** Catalyst Carriers.

Ceiling Tiles and Panels, Commercial
[HOLO/AC]
No longer manufactured. Products were identified: **Firedike**; **Open-Plan SpanAcoustic**; **Particle-Gard** LPC **Firedike**; **Quadrette**; Sculptured Fiber Glass; **SpanAcoustic**; **Spintone**; **Temper-Tone**; **Tenu-Tone**.

Ceiling Tiles and Panels, Residential
[RPMD]
All wood fiber tiles and panels, fiber glass panels and mineral fiber panels for residential use are no longer manufactured. J-M tradenames were: Wood Fiber Products of Cloud White, **Concord**, Decro-Fissure, **Derry**, **Directoire**, **Echo Bark**, **Echo Stellar**, **Echo White**, **Honeycomb**, **Inca**, **Kleftone**, **Orient**, Plastic Cloud White, Plastic **Concord**, Plastic **Scandia**, **Plastic Trowel**, **Sandhurst**, **Scandia** and **Sea Swirl**; Fiber Glass product **Whispertone**, in Styles **Alpine**, Cane, Crystal, **Floret**, **Hampton**, Luna, Maze, **Mystique**, **Ridgefield**, **Windsor**, York; Mineral fiber product **Royaltone**.

Celite Analytical Filter Aid
[F&MD]
An inert powder which, when added to the solution to be filtered speeds up the filtration by forming a porous film or cake on the filter membrane. Used as an aid in filtration for analytical work.

Celite Catalyst Carriers
[F&MD]
Diatomaceous silica pellets for use as support for catalysts in many industrial processes. Widely used wherever an inert, porous silica support is indicated. Available: **Celite** 408, Preformed, 5/16" diameter, and **Celite** 410, 1/4" diameter, Catalyst Carriers.

Celite Diatomite Filter Aids
[F&MD]
J-M Filtrations remove suspended solids, including some semi-colloids, from liquids. J-M offers a variety of products for filtering vegetable and animal fats and oils, food products, beer, wine and spirits, paints, drugs and medicines, dry cleaning products, rubber and asphalt, water and swimming pools, air and industrial effluents. Filter Aids are classified in three main groups depending on the method of manufacture. See: **Celite** Filter Aids, Natural Grade; **Celite** Filter Aids, Calcined Grades; **Celite** Filter Aids, Flux-Calcined Grades. In addition to these standard grades of **Celite**, see: **Celite** Filter Aids, Specials.

Celite Diatomite Functional Fillers
[F&MD]
Celite Diatomite is processed into many different grades of varying particle fineness, bulk density and absorptive capacity. These grades make it possible to fit the **Celite** Diatomite to your application. Grades are identified as: FC; **Celite** for Concrete; HSC; SSC; 110; 202; 209; 211; 219; 224; 232-S; 240; 263; 266; 270; 273; 281; 289; 292; 300; 305; 315; 319; 320; 321-A; 322; 350; 379; 388; 400; 410; 427; 448; 499; For Fillers identified by trademarks, see: **Silver Frost** K-5; **Snow Floss**; **Super Floss**; **White Mist**.

Celite Filter Aid, Calcined Grade
[F&MD]
A calcined grade **Celite** diatomite is produced by the calcination and air classification of **Filter-Cel** Filter Aid. After calcining the material at approximately 1800F it is air classified to produce a product of different particle size gradations. There are four calcined grades of **Celite** Filter Aids. See: **Celite** 505, 512, 577; Standard **Super-Cel**.

Celite Filter Aid, Flux-Calcined Grade
[F&MD]
Flux-calcined grades of **Celite** Filter Aids are produced by adding a flux agent to the material prior to calcination. This treatment produces a larger particle than natural and calcined grades, and consequently a more permeable material. Subsequent air classification produces a product having a medium flow rate. See Filter Aids: **Celite** 501, 503, 535, 545, 550, 560; **Aqua-Cel**; **Hyflo** for Dry Cleaning; **Hyflo Super-Cel**.

Celite Filter Aid, Natural Grade
[F&MD]
There is one Natural Grade **Celite** Filter Aid. See **Filter-Cel** Filter Aid.

Celite Filter Aid, Specials
[F&MD]
In addition to the three standard grades of **Celite** Filter Aids, Natural, Calcined and Flux-Calcined, J-M produces many specialized filter aids for a wide variety of filtration applications. See: Acid-Washed **Celite** Filter Aids; **Celite** Analytical Filter Aid; **Celkate** T-21; **Fibra-Cel** Cellulose; **Fibra-Cel** Cellulose/Diatomite; **Hysweet**; **Sorbo-Cel** Filter Aids.

Celite-Floc
[INT]
Flocculants of organic polymers used in most types of liquid solid separation processes such as in waste water treatment, process water, sludge dewatering, fiber recovery, and filler and fiber retention. Range consists of anionic, non-ionic, and cationic grades.

Celite Perlite Filter Aids
[INT]
Filter aids obtained from expanded milled perlite with low wet density. Used for filtration in the chemical industry and the food industry. Identified as: **Celite** J-2; -4; -5; -10; -100; -200; -206; -208.

Celite PF Fillers
[INT]
Expanded milled perlite identified as PF-1, PF-2 and PF-07.

Celite 501 Filter Aid
[F&MD]
A flux-calcined grade of **Celite** Filter Aid. Used in filtration of animal fats and oils, chemical products, cutting oils, dyestuffs, fresh oils, glucose, lacquers, liquid soap, metallurgical solutions, petroleums, shellac, soluble oil and water.

Celite 503 Filter Aid
[F&MD]
A flux-calcined grade of **Celite** Filter Aid. A larger particle material, and consequently more permeable material. Filtration applications include adhesives, alginates, cellulose esters, glue, gums, oils, synthetic resins, tars, water, and waxes. It is white in color.

Celite 505 Filter Aid
[F&MD]
A straight calcined grade of **Celite** Diatomite Filter Aid. Used in filtration of alcholic extracts, beer, cider, gelatin, glue, organic chemicals, pharmaceuticals, sugar, syrups, water treatment and yeast feeds. It is pink in color.

Celite 512 Filter Aid
[F&MD]
A straight calcined grade of **Celite** Diatomite Filter Aid. Used in filtration of alcoholic extracts, beer, cider, extracts, gelatin, glue, organic chemicals, pharmaceuticals, sugar, syrups, water treatment and yeast feeds. It is pink in color.

Celite 535 Filter Aid
[F&MD]
A flux-calcined grade of **Celite** Filter Aid. A larger particle material, and consequently a more permeable material. Filtration applications include adhesives, alginates, cider, dextrin, greases, oils, synthetic resins, tars, and waxes. It is white in color.

Celite 545 Filter Aid
[F&MD]
A flux-calcined grade of **Celite** Filter Aid. A larger particle material, and consequently a more permeable material. Typical filtration applications include adhesives, cider, glue, greases, oils, sizings, synthetic resins, tars, water and waxes. It is white in color.

Celite 550 Filter Aid
[F&MD]
A flux-calcined grade of **Celite** Filter Aid, it has a flow rate slightly higher than that of **Celite** 545 Filter Aid. It has a unique, important property – hardness. Typical filtration applications include adhesives, casein, dextrose, greases, oils, tars, varnishes (heavy), water and waxes. It is white in color.

Celite 560 Filter Aid
[F&MD]
A flux-calcined grade of **Celite** Filter Aid. A larger particle material, and consequently, more permeable. Typical filtration applications include adhesives, cellulose esters, extrim, greases, sizings, synthetic resins, water and waxes. It is white in color.

Celite 577 Filter Aid
[F&MD]
A calcined diatomaceous earth which gives a higher clarity for the same flow rate than almost any other filter aid available in the low-flow rate range. Used as a replacement for filter aids in the **Filter-Cel/Celite** 505 Filter Aid range. This is similar to **Filter-Cel** Filter Aid but it has been calcined to remove traces of odor and taste-causing compounds. Typical applications are beer, beverages, drugs, food processing and pharmaceuticals. It is a buff color.

Celkate T-21 Filler and Adsorbent
[F&MD]
A synthetic hydrous magnesium silicate produced by the hydro-thermal reaction of diatomite and magnesia. It is one of several synthetic silicate grades which offer a wide range of physical properties. It has exhibited certain adsorptive properties. This ability has made it an excellent material for decolorizing various liquids, such as animal and vegetable oils, fats, kerosene, etc. Additional applications include those of deodorization, flavor improvement, and adsorption of undesirable colloidal impurities.

Cement 375
[IPD/IS]
A hydraulic-setting insulating and finishing cement especially designed for one-coat application. Recommended for insulating small steel pipe fittings and as a finish over block insulation.
Specification Information:
Compliance with, and/or certification to, ASTM-C-449, Type III, Grade F; USCG-164.009/166/0, *can be furnished only when requested on purchase order and acknowledged by J-M.*
Standard product complies with CGSB 51-GP-7MP. *If certification is required it must be requested on purchase order and acknowledged by J-M.*

Cement 460
[IPD/IS]
A mineral fiber cement with excellent adhesion qualities on cold surfaces. Can be applied in heavy layers.
Specification Information:
Compliance with, and/or certification to, ASTM-C-195, Type III, Grade U; USCG-164.009/167/0, *can be furnished only when requested on purchase order and acknowledged by J-M.*
Standard product complies with CGSB 51-GP-6M. *If certification is required it must be requested on purchase order and acknowledged by J-M.*

Cement 505
[IPD/RP]
No longer manufactured. Was an expanded vermiculite cement.

Cement 508
[IPD/RP]
An air-setting, water-mixed insulating cement applied in plastic form for temperatures to 1800F. For irregular areas and for sealing against air filtration.
Specification Information:
Compliance with, and/or certification to, SS-C-160A, Type IV; ASTM-D-196, *can be furnished only when requested on purchase order and acknowledged by J-M.*

Cements
[INT]
A variety of cements for high temperature insulation ranging from 260C to 1048C.

Cements for Built-Up Roofing Systems
[BSD/ICP]
Various cements are used for sealing plies of roofing felts for making roof repairs and for use with flashings in conjunction with Built-Up Roofing Systems. See: **Aquapatch**; **Aquadam** Bitumen; Asphalt Bitumen; **Asbestile**; **Asbestogard** Adhesive; Cold Application Cement; Industrial Roof Cement.

Centripac Packing
[ISD/SC]
J-M trademark for Styles CG-2, CG-5, C-18, C-350 and C-351 Pump and Valve Packings.

Centurian Asbestos Base Felt
[BSD/ICP]
An uncoated asbestos base felt used in inorganic built-up roofing systems. It is saturated with a low melting point asphalt, but is not coated.
Specification Information:
Compliance with, and/or certification to, HH-R-590A Type II Class A (Unperforated); ASTM-D-250; Navy TS-07510, *subject to possible exception(s), can be furnished only when requested on purchase order and acknowledged by J-M.*

Century Series **Chromosorb** Supports
[F&MD]
Packing materials for difficult separations of a wide variety of aqueous organic compounds. Eight grades from the Century Series are currently available in a broad range of mesh sizes, each with significantly different functionality and retention characteristics. Available grades are **Chromosorb** 101, 102, 103, 104, 105, 106, 107 and 108.

CEP/Custom Engineered Products
[ISD/SC]
Formerly known as Custom Asbestos Parts (CAP). Special parts made up to customers' design using asbestos cloth, **Tadpole** tape, metal mesh or metal sheet, in combination to produce units that can be installed by users without further fabrication; used for control of temperature, chemical service or contaminating leakage. Available on Special Product Price Inquiry basis. Contact Sales office.

Cerablanket Insulation
[IPD/RP]
A ceramic fiber blanket made without binder from long **Cerafiber** refractory fibers. Particularly suitable for continuous exposure to 2400F in normal oxidizing combustion conditions. Its main use is for furnace and kiln linings. Available in a wide variety of thicknesses and densities.
Specification Information:
Compliance with, and/or certification to, MIL-I-23128A, Grade B, *subject to possible exception(s), can be furnished only when requested on purchase order and acknowledged by J-M.* Compliance with, and/or certification to, MIL-I-24244, Amd. 3, Type 11B; RDT-M12-1T, *can be furnished only when requested on purchase order and acknowledged by J-M.*

Cerachrome Bulk Fiber
[IPD/RP, F&MD]
A strong, long fiber bulk refractory fiber suitable for continuous operating temperatures to 2600F. Formed from an alumina-silica composition and has the ability to retain a soft fibrous structure at 2600F. Developed to meet high temperature insulation and fill requirements of industry. Also used in the paper-making industry. Furnished in loose bulk form packed in 25 lb. boxes.

Cerachrome Felt Insulation
[IPD/RP]
A strong, long fiber, flexible felt thermal insulation suitable for continuous operating temperatures to 2600F. Formed from an alumina-silica composition and has the ability to retain a soft fibrous structure at 2600F. These fibers have high temperature resistance, good thermal stability and good resistance to vibration and physical abuse. Developed to meet the demand for a high temperature, lightweight insulation to meet a wide range of industrial applications. Available in 6, 8, 10, 12, 14, 18 and 24 pound densities.

Cerachrome Joint Board
[IPD/RP]
No longer manufactured. Was a refractory fiber board for service temperature to 2400F.

Cerachrome Skid and Support Pipe Insulation
[IPD/RP]
Made of refractory fiber and designed to resist high furnace temperatures and mechanical abuse involved in slab, billet and bloom reheating furnaces. Furnished in cylindrical sleeve form.

Cerachrome Wet Felt
[IPD/RP]
A vacuum molded, bonded sheet, packed moist in polyethylene bags. Can be molded to desired shape and dried in service.

Cerad Insulation
[IPD/RP]
A refractory fiber insulation molded into desired configuration for use as heater element supports in glass top electric ranges.
Specification Information:
Compliance with, and/or certification to, UL, *can be furnished only when requested on purchase order and acknowledged by J-M.*

Cerafelt Combustion Chamber Kit
[IPD/RP]
Combustion Chamber Kits available in SS Kit, CB Kit, #23 Kit, #356 Kit and #710 Kit.
Specification Information:
Compliance with, and/or certification to, MIL-I-24244A, No Type, *subject to possible exception(s), can be furnished only when requested on purchase order and acknowledged by J-M.*

Cerafelt Joint Board
[IPD/RP]
No longer manufactured. Was a refractory fiber board material for filling spacing in refractory wall, floor or car top.

Cer

Cerafelt Refractory Fiber Felt
[IPD/RP]
A lightweight, refractory fiber insulation notable for its excellent thermal and chemical stability. Made predominantly of alumina and silica, it combines lightness, heat resistance, low conductivity and high sound-absorption qualities. For service to 2400F.
Specification Information:
Compliance with, and/or certification to, RDT-M12-3T, *can be furnished only when requested on purchase order and acknowledged by J-M.*

Cerafiber Bulk Fibers
[IPD/RP, F&MD]
Made from high-purity, alumina-silica refractory fibers, they are suitable for continuous exposure to 2400F in normal oxidizing combustion conditions. Used as a loose-fill refractory material and as a raw material for a wide range of products. Available in various fiber lengths, lubricated or dry.

Cerafiber Bulk Spray
[IPD/RP]
No longer manufactured. Was an alumina silica fiber fill material.

Cerafiber Paper
[IPD/RP]
A pure white refractory fiber paper. Excellent chemical and thermal stability at temperatures to 2400F. Capable of being die-cut, rolled, folded, bent and wrapped. Used for gasketing, sealing and spacer applications, and for combustion chamber linings, tap-hole plug covers, expansion joint material and back-up linings in molten metal troughs. Available in .020", .040" and .080" thicknesses in 12" and 24" widths.

Cera Form Boards
[IPD/RP]
Refractory fiber insulations, vacuum molded from a wet slurry. Available in **Cera Form** custom-formed shapes and boards produced from any of the available J-M refractory fibers. To meet specific application needs to 2600F. Typical uses: kiln, boiler liners, back-up insulations, high-temperature ducts. Available in Board Types 103, 126, 130, 141 and 143.

Cera Form Combustion Chamber Kit
[IPD/RP]
Combustion Chamber Kit available in #125 Kit and #175 Kit. #125 Kit is used for chambers with .5 GPH to 1.25 GPH nozzles. Sold only to plumbing and heating supply houses.

Cera Form Combustion Chambers
[IPD/RP]
A one-piece combustion chamber molded from a wet slurry of refractory fibers bonded together with multi-component binders. Specially designed for use as a self-supporting combustion chamber for oil-powered appliances. Also has application in gas-powered equipment.
Specification Information:
Compliance with, and/or certification to, UL, *can be furnished only when requested on purchase order and acknowledged by J-M.*

Cera Form Ris-A-Sleeve Riser Sleeve
[IPD/RP]
See **Ris-A-Sleeve** Riser Sleeve

Cera Form Special Shapes
[IPD/RP]
Special shapes are vacuumed formed from a wet slurry in a variety of special engineered formulations consisting of J-M refractory fibers and multi-component binder systems for wide applications to 2600F. Some uses: door seals, flue liners, ladle liners, gaskets, etc. Available in Types: 103, 126, 130, 141 and 143.

Cera-Kote Cement
[IPD/RP]
An air-setting refractory bonding and coating cement. Air dries without firing and provides a hard coating on Refractory fiber and other high temperature insulations.

Ceramat Refractory Fiber Mat
[IPD/RP]
No longer manufactured. Was an unbonded refractory fiber felt made by a needling process without heat treatment.

Ceramic Fibers
[IPD/RP]
See Refractory Insulating Products.

Cerapak Wet Felt
[IPD/RP]
Refractory fiber with organic binder in sealed bags for damp application and shaping. Dries in place.

Cerapaper Refractory Fiber Paper
[IPD/RP]
Now identified as **Cerafiber** Paper.

Cera-Preg Rigidizer
[IPD/RP]
An air-setting, inorganic impregnant that can be brushed or sprayed on Refractory Fiber or other high temperature insulation surfaces. Provides a hard coating surface on the material being treated.

Ceraspray Insulation
[IPD/RP]
No longer manufactured. Contact Spraycraft Corporation, Brooklyn, N.Y.

Cerawool Blanket
[IPD/RP]
A ceramic fiber blanket insulation bonded by a needling process. Suitable for continuous exposure to 1600F in normal oxidizing combustion conditions. Used for furnace and kiln linings and other applications. Available in 4, 6 and 8 lb. densities.

Cerawool Bulk Fibers
[IPD/RP]
Made from high purity alumina and silica, plus other refractory oxides. Designed for a wide range of applications to 1600F. It is used where a lightweight, fibrous and resilient insulation, or loose insulating fill is needed. The material is available in various fiber lengths, lubricated or dry.

Chempac Packing
[ISD/SC]
J-M trademark for TFE and Asbestos-TFE containing products, Style 91 Asbestos-TFE Sheet Packing, and various Pump and Valve Packings.

Chemstone Sheets
[BSD/ICP]
Monolithic sheets made from cement, asbestos fibers and a small quantity of an organic waterproofing compound. Used as base sheets for baked-on coatings in the preparation of laboratory table tops.

Chemtite Steam Condensate Pipe
[PD/CHAC]
Sold by J-M only if the use is for underground condensate return pipe up to 210F and 100 psi. **Chemtite** consists of phenolic thermosetting resin reinforced by asbestos fibers. It is available insulated or uninsulated. Insulated **Chemtite** consists of **Chemtite** Core Pipe, a polyurethane foam insulation and a PVC outer casing. Available in pipe sizes of 2, 3 and 4 inches in 10 foot lengths. A complete line of fittings is also available.

Chlorbestos Fiber
[AFD]
Asbestos fiber specially processed for use in chlorine cell diaphragms. Available in grades **Chlorbestos** 25, SP 25, 50, and SP 50.

Chop-Pak Fiber Glass for Specialty Paper, Roofing Felt and Gypsum Board
[F&MD]
Consists of chopped lengths of wet continuous glass strands which contain no film-forming sizing materials. Two types are available – A-20 **Chop-Pak** in lengths of 1/8", 3/16", 1/4", 1/2" and 1", and A-20S **Chop-Pak** in 1/2" length. A-20S **Chop-Pak** contains a surfactant and is designed specifically for use in the manufacture of gypsum board and related products. The wet products provide maximum dispersion into mono filaments when added to a paper-making type stock and gypsum board.

Chopped Strand Mats
[F&MD]
No longer manufactured. Were fiber glass mats for textile manufacturers.

Chopped Strands, Fiber Glass
[F&MD]
No longer available. Were furnished in a variety of finishes and strand configurations.

Chromatography
[F&MD]
Chromatography, either Gas or Liquid, is a physical method of separation in which the components to be separated are distributed between two phases, one of the phases constituting a stationary bed of large surface area and the other being a Gas or Liquid that percolates through the stationary bed. See: **Chromosorb** LC Column Packings; **Chromosorb** Diatomite Supports; **Chromosorb** H.P. Diatomite Support; **Celite** Analytical Filter-Aid; Prep-Scale **Chromosorb** Supports; **Chromosorb** Supports; Century Series **Chromosorb** Supports.

Chromosorb Diatomite Supports
[F&MD]
Chromosorb Diatomite Supports are prepared from specially selected diatomaceous earth, mined and processed at Lompoc, California. They are available in non Acid-Washed, (NAW), Acid-Washed (AW) and Acid-Washed, Dimethyldichlorosilane (AW–DMCS) treated forms. Available grades are; P, W, G, A, T, 750, 545 R.G., R-6470-1.

Chromosorb H.P. Diatomite Support
[F&MD]
A diatomite support developed for use with steroids, bile acids, alkaloids and for the other analysis of pharmaceuticals, medical and toxicological compounds. **Chromosorb** H.P. is a high quality, carefully acid-washed and silanized, flux-calcined diatomite. Its features include superior inertness and column efficiency, no catalytic surface activity and short column conditioning time. Each batch of support is quality controlled and checked by gas chromatography to insure product uniformity. **Chromosorb** W and **Chromosorb** G are available in the H.P. grade.

Chromosorb LC Packings
[F&MD]
Chromosorb LC grades are offered for a wide variety of LC applications as listed.
LC-1 – Diatomite Support 37-44 microns
LC-2 – Pellicular Silica packing 37-44 microns
LC-3 – Alumina 37-44 microns
LC-4 – C-18 Reverse Phase 37-44 microns
LC-5 – Phenyl Reverse Phase 37-44 microns
LC-6 – Microparticulate Silica 5 and 10 micron
LC-7 – Microparticulate C-18 Reverse Phase 5 and 10 microns
LC-8 – Microparticulate Cyano Reverse Phase 5 and 10 microns

Chromosorb Supports
[F&MD]
Size graded aggregate of specially processed **Celite** diatomaceous silica and porous polymer resins, for use as support material or adsorbents for gas and liquid chromatography. **Chromosorb** Support products are: Acid Washed (AW); Acid-Washed Dimethyldichlorosilane Treated (AW-DMCS), A, G, H.P., P, R-6470-1, T, W, W-H.P., 101, 102, 103, 104, 105, 106, 107, 108, 750, Hexamethyldisilazane (HMDS), and Prep-Scale grades

Chrysotile
[AFD]
A fibrous, silicate mineral generically referred to as asbestos. See Asbestos Fiber.

Classpak Luminaire
[HOLO]
Pendant mounted indirect lighting fixtures for use in offices, stores and institutions. Integrally ballasted units for mercury, metal halide, or high pressure sodium lamps.
Specification Information:
Standard product complies with UL requirement. *If certification is required it must be requested on purchase order and acknowledged by J-M.*

Clipper Oil Seals
[ISD/SC]
Clipper is J-M's trademark for its line of Oil Seals which are of non-metallic, outer case body construction. Furnished for rotary, reciprocating or oscillating motion service for shafts from 5/8" diameter up to and including 59-1/2". Material constructions withstand a broad range of oils, fuels, solvents and corrosive chemicals. See seal design types available: Dual Lip; Extruded; FL (Formed Lip) Metal Case; General Purpose; HP (High Pressure); High Runout (Wrist Pin); Hub Oil Kit; **MIST**; Outside Lip; **Resistan** (Viton*); Rod Wiper; Slinger and Excluder; **Sliptite**; Split Design; Steel Reinforced Outer Case; TMA-L and TMA-S (Teflon*); also Wear Sleeve; (*Du Pont T.M.).
Specification Information:
Compliance with, and/or certification to, MIL-S-45005, Amd. 1, for H1/L5 **Clipper** Oil Seal, *can be furnished only when requested on purchase order and acknowledged by J-M.*

Cloth, Asbestos
[ISD/SC]
See Aluminized Asbestos Cloth. All other asbestos cloths discontinued March 1974.

Cloth-Inserted Rubber Sheet
[ISD/SC]
Identified as Style 109. Particularly suited for general service against low-pressure cold water and where the additional strength of the cloth-inserted rubber is needed on narrow flanges employing high bolt forces. Temperature to 180F.
Specification Information:
Compliance with, and/or certification to, ASTM-D-1330, Class II, *can be furnished only when requested on purchase order and acknowledged by J-M.*

Cloud White Ceiling Tile (Canada)
[CPD]
No longer manufactured. Was a wood fiber insulating tile with a tongue and groove joint.

Club Car
[ISD/CC]
No longer manufactured by J-M. Was an electric golf car, constructed of a fiber glass body and extruded aluminum frame. Sold to Club Car, Inc., Augusta, Ga.

Coated Asbestos Base Felt
[BSD/ICP]
Coated Asbestos Base Felt was formerly called No. 45 Asbestos Base Felt. It is an asphalt-impregnated asbestos felt used as a base sheet on built-up roofs primarily on the West Coast.
Specification Information:
Compliance with, and/or certification to, ASTM-D-3378, *subject to possible exception(s), can be furnished only when requested on purchase order and acknowledged by J-M.*

Coatings for Built-Up Roofing Systems
[BSD/ICP]
Coatings are used in smooth surface roof specifications for decorative, reflective and maintenance purposes for Built-up Roofing Systems. See: **Topgard** Type B and F Fibrated; **Topgard** Type C; Fibrated Aluminum Roof Coating.

Cobra Brake Block
[RFPC]
A high friction composition brake shoe for railroad locomotive, passenger and freight units.

Cobra Disc Brake
[RFPC]
A high friction composition disc brake for railroad passenger cars.

Cobra Surfacing Material
[RFPC]
A heavy-duty polyethylene plastic-type surfacing material for railroad/highway grade-crossings.

Cold Application Asbestos Felt
[BSD/ICP]
A double-coated asbestos sheet for use in cold applied asbestos built-up roofs.

Cold Application Cement
[BSD/ICP]
A heavy brushing, asphalt solvent blend for applying coated roofing felts. Specially designed for use with Cold Application Asbestos Felt. Also known as **Duplex** Cement.

Colorbestos-Shake Siding
[RPMD]
No longer manufactured. Was an exterior asbestos siding.

Colorbestos Slate Shingle
[RPMD]
No longer manufactured. Was an asbestos shingle which simulated natural slate. Contact Suprudor Inc., New York City.

Colorceran Sheets
[BSD/ICP]
Inorganic mixture of calcium aluminum silicate and mineral fibers, integrally mixed with chemically resistant pigments and fillers. These sheets have a ceramic-like surface to give a smooth, durable inorganic finish which withstand physical and chemical abuse. They are resistant to thermal shock and offer impressive tensile, shear and compressive strength. Offer excellent resistant to acids, alkalis, reagents and solvents. Used for laboratory table tops and fume hood bases and liners in hospital, industrial and educational laboratories. Available in colors Charcoal Gray, Surf Green, Sandalwood and Meerschaum White, in 1/4", 3/4", 1" and 1-1/4" thicknesses, in 4' x 8' sheets.

Colorlith Panels
[BSD/ICP]
These panels are inorganic, a mixture of synthetic calcium aluminum silicate binder, reinforced with mineral fibers, pigments and fillers. Used for laboratory table tops, fume hood bases and liners, window sills and toilet partitions. **Colorlith** Lacquer, Flat Vinyl Lacquer and Lacquer Sealer No. 1365 accessory items are available.

Colorsil Window Sills
[BSD/ICP]
No longer manufactured. Was an extruded asbestos-cement product. Note: A similar incombustible, rot-proof, corrosion- and weather-resistant sill can be made from J-M **Colorlith** Sheets by an authorized Fabricator.

Commercial Insulations
[IPD/IS]
See: **Aerotube** and **Aerotube II** Pipe and Sheet Insulations; **Du-All** Jacketing System; **Metal-Lok** Pipe Insulation; **Microlite** R-Series Duct Insulation; **Microlite** (Standard) Duct Insulation; **Micro-Lok** 650 Pipe Insulation; **Spin-Glas** 800 Series Flexible and Non-Flexible; **Spin-Glas** 800 Series Semi-Rigid Board Wall Insulation; **Zeston** Heat Transfer Compounds; **Zeston** Fitting Covers; **Zeston** Pipe and Tank Insulation.

Compressed Asbestos Sheets
[ISD/SC]
Identified as Styles: 52; 60; 61; 70; 70C; 71; 76; 78; 86A; 1600; 1661; 1760. Usually contain an asbestos fiber content of 65 to 75%, 10 to 20% rubber binders, with the remaining percentages consisting of filler material and curatives. Available with parting agent applied to both sides. Service temperatures range from -65F to 850F.
Specification Information:
Compliance with, and/or certification to, AMS-3232J for Styles 76 and 78; ASTM-D-1170: Type P1141A for Style 78, Type P1151A for Styles 70C and 76, Type P1161A for Styles 60, 61 and 70; SAE-J90a: Type P1141A for Style 78, Type P1151A for Styles 70C and 76, Type P1161A for Styles 60, 61 and 70, *can be furnished only when requested on purchase order and acknowledged by J-M.* Compliance with, and/or certification to, HH-P-46E, Class I for Styles 60 and 61, *subject to possible exception(s), can be furnished only when requested on purchase order and acknowledged by J-M.*

Concord Ceiling Tile
[HOLO/AC]
No longer manufactured. Was a trademark for a ceiling tile surface pattern.

Concrete Primer
[BSD/ICP]
Concrete Primer is a fluid asphalt-solvent blend for priming masonry surfaces. It prepares surfaces to receive hot asphalt or asphaltic coatings and insures a firm, tight bond. It can be applied either by brush or spray.
Specification Information:
Compliance with, and/or certification to, SS-A-701; ASTM-D-41, *subject to possible exception(s), can be furnished only when requested on purchase order and acknowledged by J-M.*

Conduit, **Transite** Duct
[PD]
Type II (thick wall) electrical conduit. See **Transite** Electrical Duct.

Conepac Packing
[ISD/SC]
A molded packing consisting of conical shaped rings, used in high-pressure and high temperature steam service and for low speed reciprocating applications against oil, steam, and hot or cold water. Available in sets with header and follower adapters, or individually. Equipment can be contour machined to eliminate the header and follower if desirable.
Specification Information:
Compliance with, and/or certification to, MIL-P-21099, Amd. 3, Type I, for 446 **Conepac**; MIL-P-2911A, Type I, for 405 **Conepac**, *can be furnished only when requested on purchase order and acknowledged by J-M.*

Controlens Lens
[HOLO]
Injection molded from highly durable and color stable acrylic plastic. This acrylic lens does not discolor with time. Available in a variety of styles to allow design versatility and a choice of lighting characteristics to meet taste and performance requirements. **Controlens** is also identified as: Cone Prism; **Refractive Grid**; **Prismawrap**; **Percepta**; **Wall-Lite**; **Perm-Align**; Radio Frequency Shielded Cone Lenses.

Controllers, Irrigation
[ISD/ATB]
Devices which electrically or hydraulically open and close valves. J-M's controller is identified as the Keyboard Controller Series and used for all irrigation sprinkler systems, including residential, commercial, agricultural, parks, schools, and those systems using waste water. Identified as: KCS-6B, KCS-9, and KCS-12E for lawn and garden systems; KCS-12 AG for agricultural systems; KCS-12, KCS-12FC, KCS-24, KCS-24FC, and KCS Central Process for turf systems.

Conversion Assembly
[F&MD/SP]
A group of stainless steel parts which with support plates and screens converts a Millipore Corporation Multiplate or Multitube (Millipore Tradename) into a High Volume J-M Filter Holder.

Copper Core **Temp-Tite** Pipe
[PD/CHAC]
A pre-insulated, underground pipe for conveying chilled and hot water. Consists of a Type "K" copper tube placed concentrically inside a PVC casing. It has a temperature range of 35F to 260F maximum. Pressure range 0 to 150 psi maximum. Available in pipe sizes of 1, 1-1/4, 1-1/2, 2, 2-1/2, 3 and 4 inches in 10 foot lengths.
Specification Information:
Standard product complies with ASTM-B-88, Type K, for core; ASTM-D-1784 for PVC casing. *If certification is required it must be requested on purchase order and acknowledged by J-M.*

Core Insulating Materials
[BSD/ICP]
See: **Korbloc** and **Lamicor** Insulating Cores for laminators.

Corrugated Bulkhead
[BSD/ICP]
No longer available. Was a corrugated asbestos-cement sheet used as bulkhead piling.

Corrugated **Flexboard** Sheet
[BSD/ICP]
No longer manufactured. Was a corrugated asbestos-cement sheet for residential and light commercial construction.

Corspan Panels
[BSD/ICP]
No longer manufactured. Were extruded asbestos-cement panels for non-bearing exterior walls.

Coustic-Aire Insulation
[IPD/IS]
No longer manufactured. Was a glass fiber insulating blanket for reducing noise in aircraft. See **Microlite** B.

Cragmont Architectural Panels
[BSD/PEBS]
Split stone textured mineral fiber cement panels. Used in the metal building market. See **Klefstone** Architectural Panels.

Cranelite Luminaire
[HOLO]
Available for all indoor and outdoor incandescent mercury vapor, metal halide, and HPS lamp operations. Fixtures are normally mounted on the crane to illuminate the work area for the crane operator.
Specification Information:
Standard product complies with UL requirement. *If certification is required it must be requested on purchase order and acknowledged by J-M.*

Cross Connection Control
[ISD/ATB]
Used to control cross connections in preventing water that has already passed a specific point, and which may have become contaminated or polluted, from flowing back into a clean system. See: Atmospheric Vacuum Breaker; Double Check Valve Assembly; Pressure Vacuum Breaker Assembly; Reduced Pressure Backflow Preventers.

Cross Tee (Canada)
[CPD]
No longer available. Was a component for suspended ceilings.

Cryol Sheet
[ISD/SC]
No longer manufactured. Was a fabricated glass-filled TFE sheet designed for cryogenic service.

Cubic Luminaire
[HOLO]
Cubic prismatic lensed surface mounted fixture for use in offices, stores and institutions. Integrally ballasted units for mercury and high pressure sodium lamps and units for incandescent lamps.
Specification Information:
Standard product complies with UL requirement *If certification is required it must be requested on purchase order and acknowledged by J-M.*

Cumpac #239 Packing
[ISD/SC]
See **Wildcat** Slush Pump Packing.

Cyclo Products
[F&MD]
No longer marketed. **Cyclo** Products were a line of hydrous magnesium silicate functional fillers: **Cyclo Brite**; **Cyclo-Dyne**; **Cyclo-Fil**; **Cyclo Paque**; **Cyclo-Sorb**.

D

Deadening Felt
[RPMD]
No longer manufactured. Was a 3/4 lb. unsaturated organic felt used on walls and floors.

Decrabrite Fiber Glass Sheet
[IPD/IS]
A melamine bonded fiber glass blanket. Available on Special Product Price Inquiry basis.

Decrobord Ceiling Tile (Canada)
[CPD]
No longer manufactured. Was a decorative wood fiber ceiling tile and lay-in panel with a tongue and groove joint.

Deep Base **Uneepac** Packing
[ISD/SC]
A modification of the standard **Uneepac** design with the same lip and spacer pedestal except it incorporates a deep base section which provides stability and strength for single-ring rod or piston packing applications. This design does not require compression adjustment for initial or dynamic sealing. Also available in Style 415 carboxylated material.

Defibrator Packing
[ISD/SC]
Style 3869 Pump and Valve Packing.

Desertalc Talcs
[F&MD]
No longer mined and marketed. Was a line of magnesium silicates for use as extenders, fillers and reinforcing pigments in coatings and plastics.

Diatomaceous Earth (Silica)
[F&MD]
Celite diatomite is the J-M brand of diatomaceous earth. It is a siliceous, sedimentary rock composed of skeletal remains of single-celled aquatic plants called diatoms which flourished in prehistoric waters. They formed a deep deposit on the ocean floor which then rose to become part of the land mass, now called Lompoc, California. Since 1898 diatomite has been mined, milled and processed as a mineral filler. Essentially silica, it is considered chemically inert. Its unique combination of physical properties is the key to the wide use of **Celite** diatomite as filter aids and functional fillers. See: **Celite** Diatomite Filter Aids; **Celite** Diatomite Functional Fillers.

Die Formed Rings
[ISD/SC]
Rings which can be produced from most styles of Pump and Valve Packings by the process of die forming.

Disogrin (Canada)
[CPD]
No longer manufactured. Was a polyurethane molded packing.

Donbay Parquet Hardwood Floor Tile
[CPD]
No longer manufactured. Was a hardwood floor tile made from oak, maple and sometimes birch "fingers".

Double Check Valve Assembly Model 792
[ISD/ATB]
Designed for the purpose of preventing backflow of contamination that would not necessarily constitute an actual hazard to health, but would be objectionable in food, beverages, air, steam, etc. Consists of two independently operating, spring-loaded check valves, two gate valves and four test cocks for field testing. Can be used for back siphonage or back pressure.
Specification Information:
Standard product complies with IAPMO; SBCC. *If certification is required it must be requested on purchase order and acknowledged by J-M.*

Double Check Valve Assembly Model 805
[ISD/ATB]
Designed for the prevention of backflow into a potable water system. This device may be installed under continuous pressure and in any position. The spring-loaded check valves utilize soft rubber discs for positive closure and a unique design which assures a very minimum of flow loss through the unit while still remaining compact in size. The check valves are spring-loaded to hold 1 psi in the direction of the flow. Typical applications: sprinkler systems, dry cleaning plants, manufacturing plants (no toxic chemicals used), laundries, multi-story buildings, food processing and fire line installations. Can be used for back siphonage or back pressure.
Specification Information:
Standard product complies with ASSE; IAPMO; SBCC; AWWA-C-506; USC-FCCC & HR; sizes 3" thru 10" UL listed. *If certification is required it must be requested on purchase order and acknowledged by J-M.*

Double Coated **Flexstone** Felt
[IPD/IS]
An asphalt-saturated asbestos felt coated with a mineral-filled asphalt. Will not embrittle under prolonged exposure to sunlight. Used as a pipe insulation jacket where heavy duty weatherproofing is indicated.

Doublex Asbestos Paper
[IPD/RP, IPD/IS]
Completely inorganic, it will not burn, char or smoke. Has high wet strength. Developed for use as neon sign pattern paper. Also used as liner for foundry funnels and pouring gates. Temperature limit 800F (or 1200F where some embrittlement and loss of strength is not critical).

Driftgrain Solid Vinyl Siding
[RPMD]
J-M tradename for its wood grain textured Solid Vinyl Siding.

Dry Asbestos Building Paper (Canada)
[CPD]
No longer manufactured. Was a 14 pound Commercial Grade Asbestos Paper.

Dual Lip Oil Seal
[ISD/SC]
Clipper Oil Seal for general purpose application. Identified as Types LDS and SDS having one primary sealing lip with an integral dust lip on the back side.

Du-All Jacketing System
[IPD/IS]
A laminated product which provides for protection of insulation of bare pipes. Available Vapor Barrier or Non-Vapor Barrier types. The jacketing consists of laminations of 1-1/2-mil thick Tedlar* PVF Film, impregnated fiber glass scrim-reinforced asbestos felt, and metallized polyester film. Resistant to weather and most chemicals. **Du-All** Jacketing is stocked in Shell White and Granite Gray. Other colors available on special order. Accessories used in the **Du-All** Jacketing System include Coatings, Tapes, Adhesives and Monel staples. (*Du Pont T.M.)

Duct-Insul Insulation (Canada)
[CPD]
No longer manufactured. Was a rigid glass fiber duct insulation in sheet form in plain unfaced or with faced vapor barrier.

Duplex Cement
[RPMD]
A medium-brushing, high-strength asphalt solvent blend with asbestos fiber reinforcement. Used with coated felts such as **Slatekote Duplex** Roofing, Smooth **Duplex** Roofing, and **Blak-Kap** Roofing. Also used in built-up roofing construction and identified as Cold Application Cement.
Specification Information:
Compliance with, and/or certification to, ASTM-D-249, *subject to possible exception(s), can be furnished only when requested on purchase order and acknowledged by J-M.*
Compliance with, and/or certification to, NY Fire Dept. Certificate of Approval 2224, *can be furnished only when requested on purchase order and acknowledged by J-M.*

Dura-Color Clapboard (Canada)
[CPD]
No longer manufactured. Was a mineral fiber clapboard, incombustible with a striated texture.

Dura-Glass Mat
[ISD/FGSM, ISD/PP]
Dura-Glass Mat is formed from fiber glass monofilaments chopped into a uniform length and oriented in a random pattern, combined with a binder and bonded together into relatively thin, non-woven fiber glass mat. Heavier grades of **Dura-Glass** mats contain chopped fiber glass strands. They are lightweight, weighing as low as 0.9 lb./100 sq. ft. to approximately 3.0 lb./100 sq. ft. Available in thicknesses of .0010" to .0050".

Duramat Types 240 and 240M
[ISD/PP]
Type 240 **Duramat** is an asphalt coated, fiber glass mat parallel glass yarn reinforcement. **Duramat** is an outer wrap to shield tar or asphalt enamel coatings and plastic pipeline tapes. It is naturally porous. Reduces holidays because material develops a tight mechanical bond with hot enamels and allows hot enamel gases to escape. Type 240 weighs 12 lbs. per square and is .030" thick. Type 240M weighs 14 lbs. per square and is .033" thick.
Specification Information:
Standard product complies with Asphalt Institute CS-96, Section M-1; NACE T-2J. *If certification is required it must be requested on purchase order and acknowledged by J-M.*

Duramesh Fabric
[IPD/IS, ISD/PP]
An open mesh, fiber glass cloth with light binder. For reinforcing cold and hot enamel coatings on pipeline joints and fittings, available in Type 921, asphalt, and Type 922, coal tar. Also used as a reinforcing agent with **Insulkote** and other coatings, when weather protecting insulated vessels, tanks, piping and equipment, available in six Types: 205 and 206 white resin coated; 931 and 941 asphalt coated; and 932 and 942 tar coated.
Specification Information:
Compliance with, and/or certification to, ASTM-D-1668, Type I for 931 and 941, Type II for 932 and 942; Type III for 205 and 206, *can be furnished only when requested on purchase order and acknowledged by J-M.*

Duratape Types W-800B and W-900B
[ISD/PP]
A fiber glass cloth with heavy coal tar coating. For hot wrapping pipe joints, fittings and for patching existing pipe-line coating. This tape is a composition of high tensile woven glass yarns with heavy coal tar coating. Available with mylar film surface (types W800BMY & W900BMY).
Specification Information:
Standard product complies with HH-T-30B; AWWA-C-203. *If certification is required it must be requested on purchase order and acknowledged by J-M.*

Duratone Ceiling Panel
[HOLO/AC]
No longer manufactured. Was an aluminum-felted mineral fiber lay-in panel.

Dura-Tred Plank
[BSD/ICP]
A preformed floor slab or plank consisting of asphalt, fibers and fillers. It is a durable, resilient flooring particularly suitable for heavy industrial truck traffic. The planks are produced in standard 12" x 24" sizes, 1/2" thick, weighing approximately 4 lbs. per sq. ft. Not suited for sub-floors subject to a head of water and/or to seepage. Applied with **Dura-Tred** Plank Cement.
Specification Information:
Standard product complies with GSA PBS-4-0975. *If certification is required it must be requested on purchase order and acknowledged by J-M.*

Dura-Tred Plank Cement
[BSD/ICP]
A clay-type, emulsified asphalt cement used to bond the plank to the sub-floor. Coverage approximately 100-125 sq. ft. per gallon.

Dura-Tred Reconditioner
[BSD/ICP]
Easy to apply, needs no buffing; dries to a uniform black gloss; durable, scratch and scuff resistant; won't powder, dust or track. This product has been performance-tested on high-traffic post office floors, has proved to be the best finish for **Dura-Tred** floors, or any asphalt industrial flooring.

Duroc Siding
[INT]
An asphalt insulating siding with mineral granules produced in four designs and eighteen colors.

Dutch Lap Shingle
[RPMD]
No longer manufactured. Was a mineral fiber roof shingle.

Duxseal Compound
[ISD/SC]
An all-purpose sealing and caulking compound of heavy putty-like consistency (knife grade). It is compounded with an asbestos inert fiber and non-drying synthetic oil base. Insoluble in water. **Duxseal** Compound is fire-resistant.
Specification Information:
Compliance with, and/or certification to, UL *can be furnished only when requested on purchase order and acknowledged by J-M.*

Dynafiber Insulation
[IPD/RP]
No longer available. Was a loose refractory fiber.

Dyna-Flex Insulation
[IPD/IS]
Formed from alumina-silica-chromia fibers having a melting point well over 3000F, and the ability to retain a soft fibrous structure at 2600F. Available in sheet and roll form in a wide range of densities. It offers a significant extension in the applicability of refractory fiber felts to high temperature service. Developed to meet aerospace application demands for higher temperature insulating materials.

Dyna-Form Refractory Fiber Board
[IPD/RP]
No longer manufactured. Was a molded refractory fiber board with multi-component organic and inorganic binders.

Dyna-Pak Moulding Compound
[IPD/RP]
No longer manufactured. Was a refractory fiber, vacuum molded in moist form.

Dyna-Quartz Insulation
[IPD/RP]
No longer manufactured. Was a specially heat-stabilized **Q-Felt** Insulation in the form of lightweight, semi-rigid tiles or blocks.

E

Ebony Filler
[BSD/ICP]
No longer available. Was an Asbestos Ebony Sheet accessory item for filling deep holes.

"E" Felts and Bulk
[IPD/IS]
A borosilicate glass which can be used at temperatures up to 1200F. Recommended for use in thermal fabrication for aircraft insulation. "E" Felts contain no binder. Also available in Bulk Fiber.

Electrical Duct
[PD]
See **Transite** Electrical Duct.

Electrical Insulations
[ISD/SC]
J-M sold most of its electrical insulation product line to Quin-T Corporation, Tilton, N.H. These electrical insulations, in tape, paper and board form, were identified by the following J-M trademarks: **Cablegard; Quinorgo; Quinorgobord; Quinterra; Quinterrabord; Quintex; Quintexbord; Telgard** A; **Terrabord; TV Board.** Current J-M products which offer electrical insulating properties are: **Asbestos Ebony; Ohmstone;** #71 Compressed Asbestos Sheet; #55 Cable Fireproofing Tape; **Transite** Electrical Duct.

Electrobestos Boards
[BSD/ICP]
Inorganic sheet materials developed for use as arc and flame barriers and as shields or barriers in applications where considerable heat is encountered. Recommended for temperature to 800F. Not recommended for mounting current-carrying parts. Available in standard size 30" x 48" in thicknesses 3/16, 1/4, 3/8, 1/2, 5/8, 3/4, 7/8, 1, 1-1/4, and 1-1/2 inches.

Encapsulated Insulation
[IPD/IS]
Encapsulated Insulation is composed of any one of several insulating materials fully or partially enclosed in a metal mesh, metal skin or shell. It is used where low dusting, precision form, physical strength, removability and replaceability, or a combination of these qualities are required of the insulation system. Encapsulated Insulations and Semi-Encapsulated Insulations are used extensively in such applications as jet aircraft engines, turbo-super chargers, exhaust systems, stationary gas turbine engines, anywhere high temperature insulation is needed in precise, protected forms. Custom engineered to meet specific job conditions.

Endural Glass
[HOLO]
A borosilicate glass with superior mechanical and shock resistance properties. It has a low coefficient of expansion and a high degree of chemical and color stability. No noticeable change of color even after years of service. Refractors and reflectors for J-M lighting fixtures are produced from this glass.

En Garde Primer
[ISD/PP]
Used with **En Garde** tape to form a permanent bond with steel pipe, conduit and fittings.

En Garde Tape
[ISD/PP]
A cold application pipeline joint tape. Protects pipe, pipe joints, couplings, cable, conduit and other metal surfaces from corrosive underground conditions.

EUP Fillers
[INT]
Expanded unmilled perlite used in refractories, special textured paints and many other applications. Available in many different grades classified by their particle size distribution. Identified as: **EUP** 100/21; 100/28; 100/35; 130; 4 x 37; 4 x 42; 310; 6X.

Exact-O-Board Insulation Blanket
[IPD/IS]
A rugged board-type product made from long, flame-attenuated glass fibers bonded with a thermosetting resin. Has exceptionally smooth, uniform surfaces. Available in amber and black colors. For use in air conditioning units, where space is a limiting factor and where exposed to relatively high air velocity. Recommended for use to 350F. Available in thicknesses 1/8" – 6.0 pcf, 1/4" – 3.0 pcf, and 3/8" – 2.0 pcf.
Specification Information:
Compliance with, and/or certification to, UL-181, *can be furnished only when requested on purchase order and acknowledged by J-M.*

Exact-O-Mat Insulation Blanket
[IPD/IS]
An amber fiber glass insulation blanket faced on one side with black coated mat. Designed specifically as a liner for air-conditioning, heating and ventilating equipment. It is readily die cut, trimmed and folded to conform to the geometry of the application. Available in densities from .75 to 3.0 pcf and thicknesses from 1/4" to 1".
Specification Information:
Compliance with, and/or certification to, NFPA-90A; UL-181, *can be furnished only when requested on purchase order and acknowledged by J-M.*

Exacto Panel
[INT]
Same as **Exact-O-Board.**

Expand-O-Flash Preformed Expansion Joint Cover
[BSD/ICP]
Used as exterior covers for expansion joint openings in roof and wall applications. Each cover consists of an elastomeric bellows and a preformed metal flange bonded adhesively and mechanically to each edge of the bellows. Metal flanges available in copper, galvanized aluminum or stainless steel, in straight flange (EJ), curb flange (CF), and waterstop (WS). Sizes are 4, 6, 8, 10 and 12 inch widths, and custom widths up to 54 inches. Also available is TL-6, TEDLAR* on a base sheet of Nitrile (Buna N Elastomer), straight flange only, a 6 inch width only. (*Du Pont T.M. for polyvinyl fluoride film)

Expansion Joint, Built-up Roofing
[BSD/ICP]
See **Expand-O-Flash** Preformed Expansion Joint Cover.

Expansion Joints, Mechanical
[ISD/SC]
An expansion joint is a flexible, ready-to-use connection unit for large duct systems carrying high temperature/low pressure air and gases. Designed for use in power generation, process, and steel industries, gas turbine and diesel propulsion and other applications where a damage-resistant expansion joint is critical to over-all duct performance. Fabricated in twelve standard forms: Models A-250, A-275, A-250 Vacuum, F-405, F-410, B-600, E-600, G-1200, X-250, X-275, XF-405 and LX-800. Available on Special Product Price Inquiry basis. Contact Sales office.

Expresslite H.I.D. Luminaire
[HOLO]
A luminaire which uses high intensity discharge source designed for highway sign illumination and outdoor advertising signs. Available in mercury 100W, 175W, 250W and 400W, metal halide 400W, and HPS 150W lamps.
Specification Information:
Standard product complies with UL requirement. *If certification is required it must be requested on purchase order and acknowledged by J-M.*

Expressway Luminaire
[HOLO]
Pole top roadway luminaire with new lighting concept eliminating mounting arms and allowing safe pole set back from roadway with wide pole spacings. For 250 to 1000W HPS, mercury, and metal halide lamps with integral ballast and choice of light distributions.

Extruded Oil Seal
[ISD/SC]
Available in all-compound, with or without springs. Furnished in single or dual-lip designs where solid or rigid seals become difficult to install in limited packing spaces, or where small quantities of extremely large sizes are not available in the molded types.

F

FA Tape
[IPD/IS]
No longer manufactured. Was a heavy, aluminum tape in roll form for sealing joints of duct sections.

Facespan Panels
[BSD/ICP]
No longer manufactured. Were extruded asbestos-cement panels for non-bearing exterior walls.

Fascia Seal Lock
[BSD/ICP]
A 7″ metal, extruded aluminum system, mill finish or anodized. Complete with flashing and metal edge cant, cornered and scuppers. Used as fascia on flat roof buildings.

FEBCO Backflow Prevention Devices
[ISD/ATB]
FEBCO was a subsidiary of Buckner Sprinkler Co. at the time J-M purchased General Sprinkler Corp. in 1972. **FEBCO** is now the J-M trademark for Backflow Prevention Devices.

Felted Asbestos Sheet
[ISD/SC]
Identified as Styles 83B and 219. Soft, comfortable felted material lightly bonded. Style 83B uses an acid-resistant binder and is suitable for temperatures to 400F. Style 219 uses a heat-resistant binder suitable for temperatures to 1000F.

Felts and Bulk, "475"
[IPD/IS]
Borosilicate glass with very good water, acid and alkali durability. Can be used at temperatures up to 1000F for short term single face exposure, and up to 900F for long term exposure. Type "475" Felt contains no binder. Also available in Bulk Fiber.

Felts for Built-Up Roofing Systems
[BSD/ICP]
Available in three different types – asbestos, fiber glass and organic. These products are used in a build up of alternate layers of felt and waterproofing asphalt in roofing systems for commercial and industrial type structures. See: Asbestos Felts; Fiber Glass Felts; Organic Felts for Built-up Roofing Systems.

Fesco Board Roof Insulation
[BSD/ICP]
A rigid roof insulation formed of expanded perlite particles, blended with selected binders and fibers, coated on the top surface with **TOP-LOC**. Available in the following nominal thicknesses with "C" Values: 3/4″ – 0.48, 1″ – 0.36, 1-1/2″ – 0.24, and 2″ – 0.19. Board size is 24″ x 48″.
Specification Information:
Compliance with, and/or certification to, UL Label, *can be furnished only when requested on purchase order and acknowledged by J-M.* Standard product complies with FM. *If certification is required it must be requested on purchase order and acknowledged by J-M.*

Fesco Dri-Deck System
[BSD/ICP]
A System for drainage of flat or nearly flat roofs that cuts construction time and cost. The basic component of the **Dri-Deck** System is J-M's **Fesco** Roof Insulation applied in staggered layers and field tapered. Factory Tapered **Fesco** Board is also available.

Fesco-Foam Roof Insulation
[BSD/ICP]
Consists of a bottom layer of **Fesco** Board, a core of polyurethane foam, and a top surface of asphalt-saturated felt. It is suitable for installation over metal, nailable and non-nailable roof decks. It may be applied using hot bitumen or mechanical fasteners. Available in the following nominal thicknesses with "C" Values: 1-1/2″ – 0.15, 1-5/8″ – 0.13, 2″ – 0.10, 2-14″ – 0.08, 2-1/2″ – 0.07, 2-3/4″ – 0.06, and 3-1/4″ – 0.05. Board size is 36″ x 48″.
Specification Information:
Compliance with, and/or certification to, UL Label, *can be furnished only when requested on purchase order and acknowledged by J-M.* Standard product complies with FM. *If certification is required it must be requested on purchase order and acknowledged by J-M.*

Fesco GA Insulation
[INT]
A higher density rigid insulation board formed from inorganic perlite. Minimum compression resistance 4.5 kg/cm2 for flooring application. Made only in Wissembourg, France.

Fesco 444 Insulation
[INT]
A rigid insulation board formed from inorganic perlite and mineral fibers, blended with selected binders. Made only in Wissembourg, France.

Fiberchrome Form and Pak
[INT]
A lightweight molded refractory fiber insulation packed with **Fiberchrome** Fiber (same as **Cerachrome** Fiber). Used as building block for furnace lining. Made only in St. Marcellin, France.

Fiberchrome Refractory Products
[IPD/RP]
All U.S.-produced **Fiberchrome** Refractory Products now identified as **Cerachrome** Refractory Products.

Fiberchrome Skid and Support Pipe Insulation
[IPD/RP]
Now identified as **Cerachrome** Skid and Support Pipe Insulation.

Fib

Fiber Glass Building Insulation
[RPMD]
Material for thermal, sound, and fire control made of fibrous glass generally for homes and light frame structures. Available in a variety of thicknesses, R-values, sizes and facings. See: Foil-Faced; Un-Faced; Sound Control; **Floor Insul**; **PrePanel**; Sill Sealer; All Purpose; Water Heater Insulation Kit; Blowing Wool Building Insulation.

Fiber Glass Felts for Built-Up Roofing Systems
[BSD/ICP]
See: **GlasKap** Mineral Surface Cap Sheet; **GlasPly** Felt.

Fiber Glass Filter Cartridges
[F&MD]
Consist of grooved fiber glass, perforated reinforcing core, and a fabric sleeve covering over the entire cartridge. Cores furnished: plastic; tin-coated steel; or stainless steel and resin impregnated. Available in a complete range of micron sizes and dimensions. Suitable for applications with a variety of liquids such as chemical coatings, resins and ink. J-M offers a variety of dimensions which conform to industry standards and can replace most competitive cartridges. For swimming pool filtration see **Aqua-Cel** Filter Cartridge.

Fiber Glass Mats
[RPMD, ISD/FGSM, ISD/PP, INT]
Made of glass fibers and high-quality resin binders and formed into mats. These inorganic, non-wicking fiber glass mats will not rot or decay, and do not swell or shrink from the effects of moisture. Fiber glass mats are used by manufacturers of asphalt shingles and rolls, roof repair products, battery separators, carpet tiles, vinyl flooring, surfacing for polyurethane foam, and filtration materials. Also see **Dura-Glass** Mat.

Fiber Glass Pipe Wrap
[ISD/PP]
See **Blue Flag** Pipe Wrap.

Fiber Glass Reinforced Plastic Pipe
[PD]
See **Permastran** Pipe

Fiber Glass Shingles
[RPMD]
Made with an inorganic fiber glass mat that makes them more durable. Contains about 75% more weatherproofing asphalt than conventional shingles for longer roof life. The **Seal-O-Matic** feature provides wind resistance. Ceramic coated granules are imbedded in asphalt and provide a wide selection of color blends. All J-M Fiber Glass Shingles carry UL Class A Fire Resistance Rating and meet UL Standards for wind resistance. See shingles identified as: Algae; Fiber Glass/3-Tab; **Fire-Glass III**; **Fire-King**; **Fire-King II**; **Rampart**; Rustic **Rampart** (available 1/1/79); **The Woodlands**.

Fiber Glass Specialty Mat
[ISD/FGIM]
See **Dura-Glass** Mat.

Fiber Glass/3-Tab **Seal-O-Matic** Shingle
[RPMD]
A traditional 3-tab, fiber glass shingle available in various color blends. Approximate weight per square is 225 pounds. Product name to be changed to **Fire-Glass III** effective 7/1/78 on West Coast and 1/1/79 nationwide.
Specification Information:
Compliance with, and/or certification to, SS-S-294, Int. Amd. 1, Type I; SS-S-001534, Class A, Type I; ASTM-D-3018, Type I; ASTM-D-3161; ASTM-D-3462; ASTM-E-108, *subject to possible exception(s), can be furnished only when requested on purchase order and acknowledged by J-M.* Standard product complies with UL Class A Fire Resistance Rating and UL Standards for wind resistance. *If certification is required it must be requested on purchase order and acknowledged by J-M.*

Fiber Grip Mechanical Closure System
[IPD/IS]
A secure, permanent mechanical connecting system for **Micro-Aire** Duct Board. The system involves several configurations of extruded aluminum, allowing fabrication of all types of fittings. The use of staples and almost all tape is eliminated. **Fiber Grip** is a multipurpose material which simultaneously provides closure, reinforcement, and a hanger. This patented system is extruded from high strength aluminum alloy with a melting point of 1150F – this far exceeds the 250F limit on duct board.
Specification Information:
Compliance with, and/or certification to, UL-181, *can be furnished only when requested on purchase order and acknowledged by J-M.*

Fibra-Cel AF Filter Aid
[F&MD]
No longer marketed. Was a non-flocculating filter aid.

Fibra-Cel Cellulose/Diatomite Filter Aid
[F&MD]
A line of filter aids made by blending ground alpha cellulose with diatomite filter aids. Available grades: A, B, C, D, E, F, G, H, I and J.

Fibra-Cel Cellulose Filter Aid
[F&MD]
A line of filter aids made by blending ground alpha cellulose with diatomite filter aids. Virtually ashless inert organic filter aid composed of over 99.5% cellulose. Available in grades: SW, BH and CBR.

Fibra-Flo Filter Aids
[F&MD]
No longer manufactured. Were asbestos/diatomite, asbestos/cellulose, and straight asbestos filter aids.

Fibrated Aluminum Roof Coating
[BSD/ICP]
An asphalt-solvent, asbestos-reinforced, reflective coating designed to protect and preserve smooth built-up roofs and roof flashings.

Fibroid Asbestos Paper
[ISD/SC]
Similar to asbestos paper and rollboard, but specially processed for electrical applications. Primarily a base sheet or inorganic carrier for treatment with dielectric resins and varnishes. Available on Special Product Price Inquiry basis. Contact Sales office.

Fibrous Adhesive
[IPD/IS, IPD/RP]
A strong silicate soda and asbestos fiber cement. Easily applied and quick drying. Has a temperature limit of 500F. Used for temporary bonding of insulation to brick, concrete, metal or other surfaces as well as for bonding prefab fittings.
Specification Information:
Compliance with, and/or certification to, MIL-A-15199, *subject to possible exception(s), can be furnished only when requested on purchase order and acknowledged by J-M.*

Filigree Products
[IPD/SS]
No longer available. Were pre-cast concrete Wall Panels, and **Wideslab** Deck Units.

Filinert Membrane Filter
[F&MD/SP]
A PTFE membrane filter in 13 mm to 293 mm diameters. **Filinert** is backed by a polyethylene material. It is completely resistant to all solvents, acids, caustics and is used to ultrafine filter these products requiring 0.5 or 0.2 um final filtration. **Filinert** is also naturally hydrophobic and is often used as a vent filter (sterile) where wetting of a hydrophilic membrane would cause blockage of the membrane.

Filter Aids
[F&MD]
See **Celite** Diatomite Filter Aids.

Filter Cartridge, Home/Consumer
[F&MD]
A replaceable cartridge used exclusively for clarifying potable water which selectively removes undesireable taste, odor, rust and sediment which is in suspension. See Plastic Cold Water Housing.

Filter Cartridges, Industrial
[F&MD]
Replaceable elements used for a variety of liquid clarification. Consist of fiber glass, polypropolene, cellulose acetate, rayon, and nylon, and conforms with industry-accepted dimensions. Primary applications involve chemical coatings, resin, ink, electroplating solutions, potable water, food and beverage, and a wide variety of organic and inorganic chemicals. See: Fiber Glass Filter Cartridges; Yarn-Wrapped Filter Cartridges; Oil Filter Cartridges.

Filter-Cel Filter Aid
[F&MD]
A natural grade **Celite** Diatomite Filter Aid giving the highest clarity and lowest flow rate. It is not calcined nor does it receive any chemical treatment during its processing. Filtration applications are: lard, milk, sugar, precious metals, vinegar, nickel catalyst and ultra-microscopic materials. It is gray in color.

Filter Tubes, Special
[F&MD]
Special fiber glass cylindrical filter tubes are available as filter media. Sizes are available from 0.625″ through 30.187″, in I.D. and wall thicknesses from 1/2″ to 2″, and lengths 36″ and 72″ standard. Other sizes available on special request.

Fire Brick
[IPD/RP]
See Insulating Fire Brick.

Firecrete Castables
[IPD/RP]
Dense, monolithic, hydraulic-setting refractories used for casting burner blocks, door and furnace linings and various other casting applications. Available for service temperatures from 2500F to 3000F. Identified as: **Firecrete** 3000, 2800, 2600, and 2500HS.

Firedike Ceiling Tiles and Panels
[HOLO/AC]
No longer manufactured. Were mineral fiber ceiling tiles and panels specifically made for use in time rated constructions.

Fire-Glass III Fiber Glass Shingle
[RPMD]
A traditional 3-tab, fiber glass shingle available in various color blends. Approximate weight per square is 225 pounds.
Specification Information:
Compliance with, and/or certification to, SS-S-294, Int. Amd. 1, Type I; SS-S-001534, Class A, Type I; ASTM-D-3018, Type I; ASTM-D-3161; ASTM-D-3462; ASTM-E-108, *subject to possible exception(s), can be furnished only when requested on purchase order and acknowledged by J-M.* Standard product complies with UL Class A Fire Resistance Rating and UL Standards for wind resistance. *If certification is required it must be requested on purchase order and acknowledged by J-M.*

Fireglaze Coating
[BSD/ICP]
No longer available. Was an edge compound for Stonehenge and Colorceran sheets.

Fire-King and **Fire-King III*** Fiber Glass Shingles
[RPMD]
Traditional square cut, 2-tab design, with giant granules that create a deep, textured effect. Furnished with the **Seal-O-Matic** feature. Approximate weight per square is 260 pounds. (***Fire-King III** is 3-tab design.)
Specification Information:
Compliance with, and/or certification to, SS-S-294A, Int. Amd. 1, Type I; SS-S-001534, Class A, Type I; ASTM-D-3018; ASTM-D-3161; ASTM-D-3462; ASTM-E-108; NAVFAC TS-07310, *subject to possible exception(s), can be furnished only when requested on purchase order and acknowledged by J-M.* Standard product complies with UL Class A Fire Resistance Rating and UL Standards for wind resistance. *If certification is required it must be requested on purchase order and acknowledged by J-M.*

Firelite Castables
[IPD/RP]
Insulating monolithic refractories for casting furnace linings, back-up insulations to dense refractories and to other refractories holding or handling molten metals. Available for service temperatures above 2000F. Identified as: **Firelite** 1600 LI, 2200 VLI, 2100, 2401 and 2001.
Specification Information:
Compliance with, and/or certification to, ASTM-C-401, Classes N and O for No. 2001 and Class C for No. 2401, *can be furnished only when requested on purchase order and acknowledged by J-M.*

Firelite Insulating Aggregates
[IPD/RP]
Formed by crushing large slabs of specially formulated low-density insulating materials. Typical applications include manufacturing insulating castables, loose fill for insulating irregular spaces, and covering steel ingot hot tops and risers in ferrous and non-ferrous foundries. Available for service temperatures 2300F to 3000F. Identified as: **Firelite** 2331 LI, 2335 LI, 2337 LI, 2645 LI, 2653 LI, 2855 LI, 2861 LI and 3035 LI.

Firewall Sheet
[ISD/SC]
Identified as Styles: 88, 89, 95, 96. Consist of fabric made from Commercial or AA Grade white asbestos yarns, plain or wire-inserted. Cloth is impregnated and coated on both sides with a flame-proof compound. Light, flexible aircraft firewalls that resist flame, vibration and oil. Asbestos fabrics treated with silicone cements and rubbers, TFE* flameproof aluminum cements and various new high-temperature sizings also furnished for special requirements. (*tetrafluoro ethylene)
Specification Information:
Compliance with, and/or certification to, MIL-C-7637B, Type I, for Style 95, 1/16" thick only, *can be furnished only when requested on purchase order and acknowledged by J-M.*

Fittings for Pipe
[PD]
Various types of couplings, tees, wyes, elbows, bends, caps, plugs and closure assemblies for use with **Transite** Pipe and PVC Pipe.

Flame-Safe Insulation
[IPD/IS]
All **Flame-Safe** Insulation products are now identified as **Micro-Lok** 650 Insulation.

Flexboard Sheets
[BSD/ICP]
Composed of a mixture of synthetic calcium, aluminum silicate binders reinforced with selected mineral fibers. Easily handled and flexible. Used for walls, fume hood liners, fire doors and heat barriers. Available in thicknesses 1/8", 3/16", 1/4", 3/8" and 1/2", in sheets 4' x 8', 4' x 10' and 4' x 12', smooth surface both sides. Can be furnished primed, painted and steam cured to meet special requirements.
Specification Information:
Standard product complies with ASTM-C-220, Type F; UL, (normal cure only). *If certification is required it must be requested on purchase order and acknowledged by J-M.*

Flexbow Duct
[IPD/IS]
No longer available. Was stock material for making elbows for rectangular duct systems.

Flex-I-Drain Flexible Roof Drain
[BSD/ICP]
Flexible roof drain designed for use on all current types of decking and all commonly used built-up roofing membranes. **Flex-I-Drain** roof drains feature flexible elastomeric bellows with sleeve-type sealing gaskets and adapt to various thicknesses of insulation. Available in drain pipe sizes of 3, 4, 5 and 6 inches.
Specification Information:
Standard product complies with BOCA 76.61; ICBO Report No. 3236; SBCC; IAPMO. *If certification is required it must be requested on purchase order and acknowledged by J-M.*

Flex-Met Aluminum Duct
[IPD/IS]
Used in residential and mobil home air-conditioning and heating supply ducts, and commercial building air handling systems. It combines controllable flexibility with great strength and light weight and offers air delivery in both high and low pressure systems. This flexible aluminum duct is available in four types: Plain **Flex-Met**; Insulated **Flex-Met** with a factory-applied 1" thick J-M **Microlite** fiber glass insulation, encased in a seamless plastic; Insulated **Flex-Met FP** (Full Pressure) which incorporates an aluminized reinforced mylar vapor barrier; and Acoustical **Flex-Met** which consists of a perforated metal duct with fiber glass insulation.

Flex-Met Sealant Tape
[IPD/IS]
Used for the J-M UL Closure for Plain **Flex-Met**. Available 3/8" x 1/8" x 40' and 3/8" x 3/16" x 25'.

Flexstone Mineral Surface Cap Sheet
[BSD/ICP]
A mineral surface asbestos cap sheet for Built-Up Roofing Systems.
Specification Information:
Compliance with, and/or certification to, SS-R-630D, Int. Amd. 2, Class II, *subject to possible exception(s), can be furnished only when requested on purchase order and acknowledged by J-M.*

Flextran Pipe
[PD]
Flextran Pipe is no longer manufactured. It was composed of polyester resin and silica sand, reinforced with continuous roving glass fiber (also known as Reinforced Plastic Mortar Pipe).

FL (Formed Lip) Metal Case Seal
[ISD/SC]
Type FL Oil Seal is a high volume, general purpose seal designed for rotary service. The all-rubber lip element is integrally formed into its sealing position and dual gasketed within the closed shell assembly to eliminate inner case leakage. The formed metal contour under the lip provides stability to the lip.

Floats, Group 7
[AFD]
Floats is another term for short asbestos fiber. See Asbestos Fibers, Group 7.

Flooring, Industrial
[BSD/ICP]
See **Dura-Tred** Plank.

Floor Insulation
[IPD/RP]
Floor Insulation is a flat, semi-rigid board with aluminum foil on one surface and non-woven backing paper on the other side. It is a molded fiber glass which offers acoustical and thermal insulation. Used in automotive applications.
Specification Information:
Compliance with, and/or certification to, DOT 571.302, *can be furnished only when requested on purchase order and acknowledged by J-M.*

Floorinsul Board
[RPMD]
No longer manufactured. Was a wood fiber sound-deadening board (Soundike Board) for use between floor and ceiling construction in apartment houses.

Floor Insul Insulation
[RPMD]
No longer manufactured. Was a fiber glass blanket insulation faced with a Kraft breather paper with R-11 value. Was for installation between floor joists from the crawl space area.

Foil-Faced Fiber Glass Building Insulation
[RPMD]
Made of glass fibers with a reflective vapor barrier formed into a quality blanket insulation, generally for homes and light-frame structures. Available in nominal thicknesses of 4" R-11 Ful-Thik, 6-1/2" R-19 Super-Thik, and 7" R-21 Super-24 and a wide range of sizes. Packages in Quad/Pak rolls, Snap/Pak batts and Uni/Pak poly-packed rolls.
Specification Information:
Compliance with, and/or certification to, HH-I-521E, Type III, *subject to possible exception(s), can be furnished only when requested on purchase order and acknowledged by J-M.*

Foil Lined Paper and Board
[HAM]
Aluminum foil (various thicknesses) laminated to paper (down to 25#/ream) or board (up to 24 points). The lamination of the foil may be edge to edge, or may be one or two lanes or strips. Rolls can be slit and wound to widths 6" to 60" and diameters 8" to 60" on paper cores. Foil may be colored or tinted or printed one color or functionally coated with canister lacquer, vinyl, or nitro cellulose coatings. Used in packaging industry for bags, pouches, cartons, and lids for frozen foods. Corrugated box manufacturers, game card printers and insulation manufacturers use these for facings.

Foundation Emulsion (Canada)
[CPD]
No longer manufactured. Was a damp-proofing coating for concrete foundations.

FP-10 One-Way Roof Vent, Solar Operated
[BSD/ICP]
A solar operated, moisture/vapor venting unit designed to release and prevent the re-entry of moisture laden air in new and existing built-up roofing systems. This venting unit consists of a one piece black polyethylene roof deck flange and body and weatherproof cap; and a silicone-rubber one-way valve with an operating temperature range of -65F to +450F.

Friction Fit Batts (Canada)
[CPD]
Fiber glass batts unfaced for installation in floors, walls, and ceilings. Use separate polyethylene vapor barrier if needed. Available 16 or 24 inch wide for steel framing or 15 or 23 inch wide for wood framing. R Values and thicknesses: R8 (2-7/8"); R10 (3-1/2"); R12 (3-1/2"); R12 (4-3/8"); R20 (6"); R20 (7-1/4"); and R28 (9").
Specification Information:
Standard product complies with CSA A101-1975 (Supplement No. 1 – 1977), Type 1A. *If certification is required it must be requested on purchase order and acknowledged by J-M.*

FSK Duct Tape
[IPD/IS]
Used with the installation of J-M **Micro-Aire** Products.

Fun

Functional Fillers
[F&MD]
Functional Fillers are identified as **Celite** Diatomites and **Micro-Cel** Synthetic Silicates. Because of the particular chemical and physical properties of these mineral fillers, the emphasis is on functional rather than filler – they are working additives rather than mere bulking agents or extenders. See: **Celite** Diatomite Functional Fillers; **Micro-Cel** Adsorbents and Fillers.

G

Garan Fiber Glass Roving
[F&MD]
No longer manufactured. Was a medium integrity silane product.

Garrison, The Fiber Glass Shingle
[RPMD]
No longer manufactured. Was a fiber glass roof shingle.

Gaskets, Cut
[ISD/SC]
Cut gasket production was discontinued 1/1/73. Various styles of sheet packings, from which gaskets may be cut by a fabricator, are manufactured by J-M. See Sheet Packings.

Gaskets, Governor Mounting
[ISD/SC]
A combination rubber and metal screen gasket used on aircraft engines. Available in Types AN-100008 (brass wire screen) and MS-100009 (stainless steel wire screen).

General Purpose Seal
[ISD/SC]
Clipper Oil Seal identified as Types LUP and LPD with coil springs used for general purpose applications. Stainless steel springs are furnished as standard.

Glasfalt Fiber Membrane (Canada)
[CPD]
No longer manufactured. Was an inorganic, staple fiber membrane, used in membrane waterproofing.

GlasKap Felt
[BSD/ICP]
A fiber glass mineral surface cap sheet used in built-up roofs.
Specification Information:
Compliance with, and/or certification to, SS-R-630D, Int. Amd. 2, Class III, *subject to possible exception(s), can be furnished only when requested on purchase order and acknowledged by J-M.*

Glasmat Type "S" Surfacing Mat
[IPD]
No longer manufactured. Was a jackstraw arrangement of chemical grade glass fibers with an acrylic or polyester binder. Was used in the corrosion field to produce tank, pipe, duct, and fume scrubbers.

Glas-Mat 1200 Blanket
[IPD/IS]
A mechanically bonded glass fiber insulating blanket. Composed entirely of long textile glass fibers and contains no organic binder. Ideal for ship turbines, industrial and process piping, power generating equipment, and industrial furnaces and ovens operating at service temperatures up to 1200F. Available 1/4", 1/2" and 1" thicknesses, in 60" widths.
Specification Information:
Compliance with, and/or certification to, MIL-I-16411E, Type II; MIL-I-24244A Amd. 3, *subject to possible exception(s), can be furnished only when requested on purchase order and acknowledged by J-M.*

GlasPly Base Sheet (Canada)
[CPD]
Numbers 8, 15, 30, and 40 no longer manufactured. Were asphalt-saturated, glass fiber mats used in built-up roofing.

GlasPly Felt
[BSD/ICP]
A built-up roofing felt made with an asphalt coated fiber glass mat. Used for hot applied built-up roofs.
Specification Information:
Compliance with, and/or certification to, SS-R-620B, Type III; ASTM-D-2178, *subject to possible exception(s), can be furnished only when requested on purchase order and acknowledged by J-M.*

Glass Core Pipeline Felt
[ISD/PP]
A pipeline hand felt that combines **Transhield** asbestos felt shielding with a fiber glass-reinforced, plasticized enamel in a single wrap.

Gold Line Built-Up Roof System
[BSD/ICP]
No longer available. See **Blue Chip** Built-up Roofing System.

Grafoil Tapes and Sheets
[ISD/SC]
Grafoil is a Union Carbide Corporation trademark for their pure graphite tapes and sheets which are cut or formed into parts used as packings and gaskets. Johns-Manville markets these Tapes and Sheets identified as Styles AEF-2 through AEF-16.

Gray Putty
[BSD/ICP]
No longer available. Was an accessory item for Corrugated **Transite** Sheets.

Groove and Door Packings
[ISD/SC]
Designed for use as door or cover seals on furnaces, ovens, filters, vacuum tanks, and pressure vessels such as autoclaves. Available for grooved or flat-faced applications: Braided Styles: 17, 216, 790, 872, 2559, 3123; Fabric Styles: 124, 128, 129, 176, 177.
Specification Information:
Compliance with, and/or certification to, MIL-P-18954, Amd. 1, Class I for Styles 2559 and 3123, *can be furnished only when requested on purchase order and acknowledged by J-M.*

GT Asbestos Paper
[IPD/RP]
No longer manufactured. Was an asbestos paper with reinforcement of strong glass threads.

Guardsman Shingle
[RPMD]
No longer manufactured. Was a fiber glass roofing shingle.

Gyp

Gypsum Wallboard Products
[RPMD]
No longer manufactured. Gypsum Wallboard Products consisted of: Gypsum Regular Wallboard; Gypsum **Firetard** Type "X" Wallboard; Gypsum Foil-Back Wallboard; Gypsum **Firetard** Wallboard; **Watertite** Backer; Gypsum Backer Board; Gypsum Sheathing.

H

Handi-Pak Rolls (Canada)
[CPD]
Fiber glass rolls unfaced (friction fit). A separate polyethylene vapor barrier to be used if required. Packaged in individual poly sleeves with a cut-out handle for Point of Purchase display and easy consumer handling. Available only 15″ wide. R8 (2-7/8″), R10 (3-1/2″) and R12 (4-3/8″).
Specification Information:
Standard product complies with CSA A101-1975 (Supplement No. 1 – 1977) Type 1A; CMHC Acceptance No. 6281. *If certification is required it must be requested on purchase order and acknowledged by J-M.*

Hat Type Gasket
[ISD/SC]
A molded inside lip-type Packing generally used for sealing rods or plungers in pressurized hydraulic pneumatic systems. Available in compound/fabric or compound styles.

HEAF System
No longer manufactured. Was an air-filtration system designed to filter effluent gasses from process equipment continuously. Contact: Andersen 2000 Inc., Atlanta, GA.

Heat-Seal Roller
[IPD/IS]
No longer available. Was a portable tool for heat sealing **Micro-Aire** Duct Tape.

Heat-Tite Pipe
[PD/CHAC]
An underground pre-insulated pipe designed primarily for medium temperature hot water. Temperature range 210 to 260F and pressures of 0-150 psi. Not to be used for steam or condensate. Consists of a core pipe of either Schedule 40 steel or fiber glass reinforced plastic, insulated with polyurethane foam in a PVC case pipe with rubber end seals and **Transite Ring-Tite** coupling. Available in pipe sizes of 3, 4, 6 and 8 inches in 10 foot lengths.
Specification Information:
Standard product complies with ASTM-A-53 for steel core; MIL-P-28584 for FRP casing. *If certification is required it must be requested on purchase order and acknowledged by J-M.*

Heli-Wrap Firesleeve
[ISD/SC]
A flame-resistant covering for flexible metal hose. It can be removed and re-installed without disconnecting the hose. Primary use is on aircraft service. Available on Special Product Price Inquiry basis. Contact Sales office.

Heilite Refractory Mortar
[IPD/RP]
An air-setting refractory bonding mortar with a temperature limit of 3000F used for coating and shallow patching.

Highlands, The Asphalt Shingles
[RPMD]
Two-tab, conventional asphalt shingles imbedded with giant granules. Furnished with the **Seal-O-Matic** feature. Approximate weight per square is 300 pounds.
Specification Information:
Compliance with, and/or certification to, SS-S-300B, Type III; SS-S-001534, Class C, Type I; ASTM D-225; ASTM D-228; ASTM-E-108; NAVFAC TS-07310, *subject to possible exception(s), can be furnished only when requested on purchase order and acknowledged by J-M.* Standard product complies with UL Class C Fire Resistance Rating and UL Standards for wind resistance. *If certification is required it must be requested on purchase order and acknowledged by J-M.*

High Purity Quartz Fiber
[IPD/IS]
A high-temperature glass fiber insulation furnished in bulk form. Composed of 99% pure silica. Currently used specifically for the manufacture of insulating tiles for the space shuttle.

High Runout (Wrist-Pin) Seal
[ISD/SC]
Clipper Oil Seal identified as Types LUPW and LPDW for rotary, oscillating or angular movement at low surface speed. Is designed to handle runout and/or misalignment.

High Volume Filter Holder
[F&MD/SP]
An all stainless steel filter holder containing many support plates, screens and membrane filters, stacked atop one another and covered with an outer pressure shell. Two holders are offered: 30 plate and 60 plate sizes. Both may be internally reduced in membrane area to practically any area desired. Units hold 293 mm membranes of any pore size and are used for critical final filtration for large volumes of pharmaceuticals, wine, deionized water, etc., at flow rates up to 200 gpm.

HMS High Mast System Luminaire
[HOLO]
Outdoor lighting luminaire with prismatic reflector and refractor for high mounting for efficient lighting of large open areas, highway interchanges, freight terminals, and airports, with 400 to 1000W HPS, mercury, and metal halide lamps with integral ballast. Available with 50 to 150 foot poles and power driven lowering device for economical maintenance.
Specification Information:
Standard product complies with UL requirements for fixture. *If certification is required it must be requested on purchase order and acknowledged by J-M.*

Home Insulation
[RPMD]
See Fiber Glass Building Insulation.

Hoodliner Insulation
[IPD/RP]
One-piece, custom molded, fiber glass acoustical insulation pad applied to underside of automotive hood. Reduces noise level of engine for quiet operation.

Howal Panel Facing System, Series 800 (Canada)
[CPD]
No longer manufactured. Was an uninsulated wall system.

HP (High Pressure) Oil Seal
[ISD/SC]
Type HP Oil Seal has a flexible lip-type design to handle rotary and/or reciprocating motion at high speed and pressue over a temperature range of -40F to +300F. Pressure up to 300 psi and speed to 4,000 FPM can be handled. Consists of a molded (Viton*) sealing element with Teflon* insert and outer metal case. (*Du Pont T.M.).

HT **Spinglas** Insulation
[INT]
A high-temperature, flexible or semi-rigid fiber glass blanket.

Hub Oil Kit
[ISD/SC]
Hub Oil Kit is available for use on truck, trailer or bus axles. Each kit consists of a special **Clipper** Oil Seal, an axle wear sleeve, a gasket, and a hub cap. Serves to retain oil for increased bearing life through improved lubrication.

Hullboard
[IPD/RP]
A lightweight marine insulation, 3 pcf density, made from long, fine glass fibers. This semi-rigid felt board was especially developed as a thermal and comfort insulation for the hull and deckheads aboard ship. Available in thicknesses through 2", 24" x 36".
Specification Information:
Compliance with, and/or certification to, MIL-I-742A only, *subject to possible exception(s), can be furnished only when requested on purchase order and acknowledged by J-M.*

Hullinsul
[IPD/RP]
Produced by an exclusive rotary process. Lighter weight, semi-rigid glass fiber board with an unscalped surface developed for use as a comfort and thermal insulation, as well as reefer insulation aboard merchant ships.
Specification Information:
Compliance with, and/or certification to, USCG 164.009/172/0, *can be furnished only when requested on purchase order and acknowledged by J-M.*

Hybar Release Paper
[HAM]
Consists of mid-weight natural kraft paper (50 to 60#/ream) coated with releasing hot-melt type material on one side. Normally supplied in small rolls 12" to 18" diameter on paper cores, 90" wide maximum. Used in manufacture of resilient foams to protect machine parts.

Hybar Roll Wrap
[HAM]
Furnished in paper or kraft laminations from 40 to 126#/ream (3MSF) using water and moisture vapor resistant adhesives. Available in widths 15" to 90" rolls, or sheets to 76" wide. Maximum roll diameter 60" on 4" paper core. The paper is furnished in a number of colors, and can be printed by flexographic method in matching or non-matching colors if register isn't critical (1-1/4"). Widely used as protective wrap for other paper goods.

Hyflo Cartridges
[F&MD]
No longer manufactured. Was a line of filter cartridges for the drycleaning industry.

Hyflo Filter Aid for Drycleaning
[F&MD]
Made of flux-calcined diatomite, it is white, fluffy, inert powder and used in the drycleaning industry.

Hyflo Super-Cel Filter Aid
[F&MD]
A flux-calcined grade of **Celite** Filter Aid. Typical filtration applications include animal fats and oils, chemical products, cutting oils, petroleums, fresh oils, drycleaner solvents, lacquers, liquid soap, metallurgical solutions, soluble oils and vegetable oils.

Hysorb Stabilizers
[F&MD]
Beverage stabilizers which are blends of selected adsorbents to which diatomite is added as necessary to provide desired filtration characteristics. **Hysorb** Stabilizers remove high levels of turbidity, algae, give better clarity, and remove or reduce taste flavor. Available: **Hysorb** No. 10 and No. 50 (previously identified as A and B).

Hysweet Filter Aid
[F&MD]
A high efficiency, low pressure sweetener designed to remove free fatty acid from charged drycleaning solvents. It is a synthetic calcium silicate derived from chemically processed diatomite and contains no soda ash or alkali. It is equally effective in petroleum or synthetic solvent systems.

Incandescent Wall Luminaire
[HOLO]
Fixture consists of a cast aluminum housing and borosilicate prismatic glass refractor. Available with 150W and 200W incandescent lamps. An architectural luminaire used on institutional and commercial buildings to illuminate entrances.
Specification Information:
Standard product complies with UL requirement. *If certification is required it must be requested on purchase order and acknowledged by J-M.*

Incombustible Hullboard
[IPD/RP]
A semi-rigid felt board, nominal 3 pcf, is a thermal insulation used aboard ship. Available in 1", 1-1/2" and 2" thicknesses, 24" x 36".
Specification Information:
Compliance with, and/or certification to, MIL-I-742D, *subject to possible exception(s), can be furnished only when requested on purchase order and acknowledged by J-M.* Compliance with, and/or certification to, USCG 164.009/92/0, *can be furnished only when requested on purchase order and acknowledged by J-M.*

Incombustible Hullboard – Aluminum Foil-Faced
[IPD/RP]
A lightweight marine insulation made from long, fine glass fibers. This semi-rigid board was specifically developed to provide a foil-faced insulation for special applications aboard ship. Facing is a factory-applied 3-mil-thick smooth aluminum foil.
Specification Information:
Compliance with, and/or certification to, MIL-I-742D, *subject to possible exception(s), can be furnished only when requested on purchase order and acknowledged by J-M.* Compliance with, and/or certification to, USCG-164.009/141/0, *can be furnished only when requested on purchase order and acknowledged by J-M.*

Incombustible **Microlite** Insulation
[IPD/IS]
A low-density, resilient marine insulation formed by extremely fine flame-attenuated glass fibers bonded with a thermosetting phenolic resin. These fine fibers create countless dead air pockets which provide high thermal efficiency and sound absorption characteristics.
Specification Information:
Compliance with, and/or certification to, MIL-I-22023C; 32-MA-3C, Classes 1, 2, 3, 4, and 5, *subject to possible exception(s), can be furnished only when requested on purchase order and acknowledged by J-M.* Compliance with, and/or certification to, USCG-164.009/72/3, *can be furnished only when requested on purchase order and acknowledged by J-M.*

Industrial Insulations
[IPD/IS]
See: **Banroc** HT Block; Cements 375 and 460; **Duramesh**; Fibrous Adhesive; **Glas-Mat** 1200; **Insulkote**; **Laptite**; **Metal-On** for Tanks and Pipes; **Spin-Glas** 800 Series Flexible and **Non-Flexible**; **Spin-Glas** 1000 Series Board; **Temp-Fit** Insulation; **Thermo-12** Pipe Insulation; **Thermo-12** Pipe Insulation with Extended Legs; **Thermo-12** Block Insulation; Weatherproof Insulating Jackets.

Industrial Roof Cement
[BSD/ICP]
An all-purpose roofing cement applied with a trowel.
Specification Information:
Compliance with, and/or certification to, SS-C-153, Type I; ASTM-D2822, *subject to possible exception(s), can be furnished only when requested on purchase order and acknowledged by J-M.*

Industry Standard "A" Cup Packing
[ISD/SC]
These are industry sizes to fit most common cylinder services. See Standard "A" Cup Packing for product description.

Insulating and Finishing Cements
[IPD/RP, IPD/IS]
Produced for use with J-M insulating materials. Ideal for insulating irregular surfaces where it would be impractical to apply pipe or block insulation. Finishing Cements are used to give insulation a hard, smooth finish which can be painted or weatherproofed. J-M Cements are: #375; #460, #508.

Insulating Fire Brick
[IPD/RP]
There are eleven types of Insulating Fire Brick for use in applications from 2000F to 3200F. Made from high purity refractory clays (plus alumina for the higher temperature products), these Insulating Fire Brick contain a carefully graded organic filler which is burned out during manufacture to give a uniform, controlled pore structure. Recommended for use as primary hot face refractory linings or as back-up insulation behind other refractories in furnaces, kilns, flues, cement kilns and high-temperature industrial insulations. Available grades: JM-20; JM-20SL; JM-23; JM-23SL; JM-26; JM-28, JM-3000; JM-32; C-22Z; JM-25; Yuma. Also available in **Zelie** Jumbo sizes.
Specification Information:
Compliance with, and/or certification to, HH-B-00675C for JM-20, JM-23, JM-25, JM-28, JM-3000; MIL-B-16008C, Amd. 2, for JM-25; MIL-B-16305B, Class A for JM-20, and Class B for JM-28, *can be furnished only when requested on purchase order and acknowledged by J-M.*

Insulations, Industrial Products Division
[IPD]
J-M offers the widest range of insulating products. See: Aerospace Insulation; Air Handling Systems; Automotive Equipment Insulations; Commercial Insulations; Industrial Insulations; OEM Insulations; Refractory Insulating Products.

Insulations, Pre-Engineered Building Industry
[BSD/PEBS]
For insulation used in metal building construction, see: **Microlite** "L" Fiber Glass Insulation; **Rigid-Roll** Insulation Board; **ITP Money Clip** Pan-Insul Panel Insulation; **Spin-Glas** 800 Series Wall Insulation.

Insulflame Papers
[HAM]
Fiber glass scrim reinforced foil lined papers laminated with flame retardant adhesives. Available in a wide range of foil, scrim, and paper weights and types for special end uses. Available in rolls up to 72″ wide and to 60″ diameter. Used for insulation facings, providing moisture and moisture vapor barrier. Also provides low radiant energy emission and adds strength to various insulating structures. These have 0.00 permeability rating.

Insulkote Coating
[IPD/IS]
A coating for protection of insulated tanks and process equipment. Compounded of selected and processed bitumens, asbestos fiber and mineral fillers. Effectively seals out water, preserves maximum insulation efficiency, helps prevent rusting and corrosion of expensive equipment. **Insulkote** is available in Types: ET, trowel applied, non-water vapor barrier; ST and SC, trowel applied and spray gun applied vapor barrier coating for insulations on refrigerated equipment. Primers E and S are also available.

Integrated Ceiling Systems
Now identified as Interior Lighting Systems.

Interior Lighting Systems
[HOLO/ILS]
A J-M Interior Lighting System facilitates modular space planning with different combinations of flat or three-dimensional ceiling panels, lighting fixtures and suspension systems. Available in Series 1000, 1100, 2000, 2200, 3000, 4000, 5000, Energy Saver and **Versa-Tile**.

Interior Lighting System, Energy Saver
[HOLO/ILS]
Utilizes the unique **Holophane Percepta** fixture in each 5′ x 5′ module. The low energy consumption of less than 2 watts per square foot provides effective task illumination. When combined with **SpanAcoustic** panels this complete ceiling system is ideal for open-plan offices.

Interior Lighting System, **Versa-Tile**
[HOLO/ILS]
Versa-Tile Series consists of a complete suspension system, light fixtures, air diffusers, and features a one-piece molded mineral fiber module with the appearance of formed, textured concrete. Primary application is in areas where exceptional aesthetics is desired.

Interior Lighting System 1000
[HOLO/ILS]
The Series 1000 is a coffered System with a modular suspension system on 5′ by 5′ module with linear air diffusers, acoustical panels, with square or rectangular fluorescent or mercury vapor light fixtures supported from overhead frame. A complete ceiling system.

Interior Lighting System 1100
[HOLO/ILS]
The 1100 Series is a flat system for use where plenum depth is critical. Sound control achieved with felted mineral panels or the **SpanAcoustic** fiber glass panels. **Holophane** lighting fixture may be placed in one of six locations within the module for maximum flexibility.

Interior Lighting System 2000
[HOLO/ILS]
The 2000 Series is similar to 1000 Series except furnished with perforated metal acoustical panels, backed with fiber glass for high NRC or felted mineral panels when STC required. In this series the panels support the light fixture.

Interior Lighting System 2200
[HOLO/ILS]
Similar to 1000 Series, except basically a flat ceiling system with felted mineral and fiber glass acoustical panels and the light fixtures supported on non-acoustic solid metal splays.

Interior Lighting System 3000
[HOLO/ILS]
The 3000 Series features vaulted 30″ x 60″ or 60″ x 60″ lighted modules with specially designed acrylic wrap-around lens. Available in 1 and 2 lamp design. The vaulted lights with surrounding flat panels maximize sound control. Air diffusers may be located on the 60″ x 60″ suspension systems.

Interior Lighting System 4000
[HOLO/ILS]
The 4000 Series is the same as the 3000 Series; it utilizes the same lighting and acoustical components in a module of 4′ x 4′. This allows more flexibility in achieving energy saving lighting levels.

Interior Lighting System 5000
[HOLO/ILS]
Series 5000 is available flat only with ribbed regressed splay frame surrounding the fixture. Furnished with square mercury vapor or fluorescent luminaires. Available up to 5′ x 5′ with one piece **SpanAcoustic** panels. Air distribution is through individual diffusers on the suspension system.

International Division
[INT]
The products described in this Directory are available for world-wide distribution from J-M plants located in the United States and Canada. Many of these products, plus the following, are also available from J-M plants located outside the United States and Canada: **Acustidom** Ceiling Panel; **ACE** Wallboard; Appliance Insulation; Asbestos-Cement Flat Sheets; Asbestos-Cement Roofing Shingles; **Celite-Floc**; **Celite** Perlite Filter Aids; **Celite** PF Fillers; Cements; **Duroc** Siding; **EUP** Fillers; **Exacto** Panel; **Fesco** GA Insulation; **Fesco** 444 Insulation; **Fiberchrome** Form and Pak; HT **Spinglas** Insulation; **Isontex** Sheet; **Loam-A-Lite** Filler; **Manbony** Sheet; **Manvillit** Sheet; **Metacap Duplo**; **Micro-Aire** Automotriz; **Micro-Aire** Board; **Micro-Aire** PKP; **Microlith** Mat; Molded Asbestos-Cement Products; **Primisil** Fillers and Filter Aids; **Prismatic** Ceiling Panel; **Planmatic** Ceiling Panel; **Revestduto** Insulation; **Rustikal** Siding; Sliver; **Thermidom** Insulation; **Thermil** Insulation; **Vitrofib** "C" and "N" Insulations; **Vitropan** Ceiling Panel; **Whispertone** Ceiling Panel.

Irrigation (Agricultural) Pipe
[PD]
See: **Transite** Pressure Pipe; **Transite** "T" Pipe; **Transite** Transmission Pipe; PVC Pressure Pipe; PVC PIP Irrigation Pipe.

Irrigation Systems
[ISD/ATB]
J-M offers complete system capability for agricultural, lawn and garden, and turf irrigation systems. See: Controllers; Quick Couplers; Sprinkler Heads; Valves; Irrigation Pipe.

Isontex Sheet
[INT]
A flat, asbestos-cement insulating sheet.

ITP Insul/Liner Insulation
[BSD/PEBS]
No longer manufactured. Replaced by **ITP Money Clip**.

ITP Money Clip
[BSD/PEBS]
This Insulation System gives Increased Thermal Performance as well as pleasing interior appearance for roof/ceiling systems in new and existing metal buildings. The **ITP Money Clip** consists primarily of three elements: 5-1/2″ thick (R-16) **ITP** Fiber Glass Batt, 1-1/8″ thick **ITP** Vinyl-faced Fiber Glass Board, **Money Clip** support extrusion. "T" Sections and End Caps are also supplied for "finished" ceiling appearance. No mechanical fasteners are required. The addition of J-M 3″ Unfaced **Microlite** "L" to the system provides a tested overall installed roof/ceiling U-value of .05.

J

Jason Luminaire
[HOLO]
Security, jail-type fluorescent lighting fixture. Has temper-resistant hardware, extruded aluminum housing and door frame, containing an injection molded **Prismatic** lens protected by 1/4" thick polycarbonate sheet. Available in 2 and 4 foot lengths, 1 or 2 fluorescent lamps, for surface attachment or corner mounting.
Specification Information:
Standard product complies with UL requirement. *If certification is required it must be requested on purchase order and acknowledged by J-M.*

Jewett Packing
[ISD/SC]
J-M trademark for Style C-10 Pump and Valve Packing.

Joint-Master Compound
[PD]
Joint-Master is an epoxy resin compound which is furnished for making repairs in sewer system construction and in sealing leaks, repairing breaks, patching chipped pipe, sealing annular spaces at manholes and locking sewer saddles to **Transite** Sewer Pipe.

K

Kearsarge Packing Materials
[ISD/SC]
J-M trademark for styles C-166 and RG-1 Pump and Valve Packings, Style 120 Gasketing Tape and Style 100 Woven Asbestos Sheet.

Keyboard Controller Series (KCS)
[ISD/ATB]
This series of controllers for irrigation systems is a solid state microprocessor with a calculator-type keyboard and a digital display. See Controllers, Irrigation.

Klefstone Architectural Panels
[BSD/ICP]
Split stone textured mineral fiber cement panels for both exteriors and interiors. Sold to metal building market under tradename **Cragmont**. Available in nominal thickness 1/4" only in sheet sizes 4' x 8', 4' x 10' and 4' x 11' 6". Colors are Light Tan, Smoke and White.

Kolor-Kap Cement
[RPMD]
A heavy, brushable adhesive scientifically formulated with asbestos fiber for bonding the laps of **Kolor-Kap Duplex II** Roofing.

Kolor-Kap II Duplex Roofing
[RPMD]
A fiber glass roll roofing surfaced with colored ceramic mineral granules, approximate weight 80 pounds per one-half-square roll. Designed for 2-ply construction. It is cold applied with **Kolor-Kap** Cement. Also used as a valley liner.
Specification Information:
Compliance with, and/or certification to, SS-R-630D, Int. Amd. 2, Class III; ASTM-E-108, *subject to possible exception(s), can be furnished only when requested on purchase order and acknowledged by J-M.* Compliance with, and/or certification to, UL, NYFD Certificate of Approval 2224, *can be furnished only when requested on purchase order and acknowledged by J-M.*

Kool-Kore Pipe
[PD/CHAC]
A pre-insulated PVC Pipe for underground chilled water distribution system. Suitable for pressures up to 160 psi at temperatures to 73F. Available in pipe sizes 1-1/2, 2, 2-1/2, 3, 4, 6 and 8 inches in 10 foot lengths.
Specification Information:
Standard product complies with ASTM-D-1784 for core and casing. *If certification is required it must be requested on purchase order and acknowledged by J-M.*

Korbloc Insulating Core
[BSD/ICP]
Composed of heat-expanded perlite blended with special binders into a rigid, uniformly impregnated, medium-density board form. Used by laminators in wall, fire doors, spacer strips, window and curtain wall panels and other structural applications where a non-combustible-rated material is required. Available in thicknesses 3/4", 1", 1-1/2" and 2".

Korduct, Transite, Duct
[PD]
J-M tradmark for **Transite** Electrical Duct, Type I (thin wall). See **Transite** Electrical Duct.

Kraft-Faced Fiber Glass Building Insulation
[RPMD]
Made of glass fibers with a vapor barrier of kraft facing on one side. Available in nominal thicknesses of 3-1/2" Ful-Thik R-11, 6-1/2" Super-Thik R-19, 7" Super-Thik R-22, and 9-1/4" Super-Thik R-30.
Specification Information:
Compliance with, and/or certification to, HH-I-521E, Type II, *subject to possible exception(s), can be furnished only when requested on purchase order and acknowledged by J-M.*

L

Lamicor Insulating Core
[BSD/ICP]
Composed of heat-expanded perlite blended with special binders into a rigid, uniformly impregnated board form. It is a denser form of perlite board than **Korbloc** Insulating Core. Used by laminators. **Lamicor** Insulating Core can be manufactured in full 49″ x 98″ sheets which allow for the fabrication of larger wall panels, fire doors and other laminated products. Also suitable for laminations to fabrics and other non-rigid facings. Applicable for use in noncombustible rated panels. Available in thicknesses of 21/32″, 3/4″ and 7/8″.

Lap Cement
[RPMD]
An asphalt-solvent blend of medium brushing consistency for sealing lap of roll roofings applied by exposed nail method.
Specification Information:
Compliance with, and/or certification to, ASTM-D-3019, *subject to possible exception(s), can be furnished only when requested on purchase order and acknowledged by J-M.*
Compliance with, and/or certification to, NY Fire Dept. Certificate of Approval 2224, *can be furnished only when requested on purchase order and acknowledged by J-M.*

Laptite Cement
[IPD/IS]
A heavy brushing, fibrated, cut-back asphaltic cement with a temperature limit of 140F. Used for sealing the laps of weather-proof insulation jackets.

Lensafe Luminaire
[HOLO]
Fluorescent lighting for emergency and general illumination. Provides 90 minutes minimum of light in the event of a power failure. Low silhouette and slim. Lens snaps on and off easily for re-lamping.
Specification Information:
Standard product complies with UL requirement. *If certification is required it must be requested on purchase order and acknowledged by J-M.*

Lenses, Acrylic Prismatic
[HOLO]
Injection molded Acrylic Prismatic Lenses for fluorescent troffers, up to as many as 20 different varieties. See **Controlens**.
Specification Information:
Standard product complies with MIL-STD-461A, MIL-STD-462, and MIL-STD-463 for 62RF51 clear acrylic lens with suppression grid. *If certification is required it must be requested on purchase order and acknowledged by J-M.*

Lenses, Glass
[HOLO]
Wide variety of pressed prismatic glass lenses for use in incandescent and H.I.D. fixtures. See: **Endural**.

Lighting, Architectural
[HOLO]
A variety of luminaire shapes which complement structural and landscape architecture and are performance-oriented rather than purely decorative. See luminaires: Architectural Site Light; ASL; **Caribe**; Incandescent Wall; **Mayfair**; Module 600; **Parkpak**; RASL; **Skyscape**; Small **Postop**; Square **Postop**; SSL-18; **Trailblazer**; **Vandal-Guard**; **Vista III**; Wallpack; **Wallpackette**.

Lighting, Commercial
[HOLO]
Wide variety of fluorescent, H.I.D., and incandescent luminaires for commercial applications such as stores, offices, schools, malls and display rooms. See Fluorescent Luminaires: **Percepta**; **Perm-Align**; **Prismawrap**; Recessed Fluorescent; **Truline**; **Wall-Lite**. See H.I.D. and Incandescent Luminaires: **Bantam** 5000 Series; **Classpak**; **Cubic**; **Multilume**; Round **PAL**; Square **PAL**; Series 3000; Series 5000.

Lighting, Emergency
[HOLO]
A line of emergency luminaires which include units with incandescent and fluorescent lamps and central emergency power supplies. Mounting arrangements suitable for surface attachment and installation in T-bar ceilings. See luminaires: **Big Eye**; **Jason**; **Lensafe**; Modular AC **Power Station**; **Panelite** Recessed and Surface; Sign-**Lensafe**; Vandal Resistant.

Lighting, Floodlighting
[HOLO]
Floodlighting used for highway sign illumination, outdoor advertising signs, sports areas, area lighting such as country clubs and tennis courts, and highrise structures. See: **Expresslite** H.I.D.; **Prismaflood** H.I.D.; **Vectorflood** H.I.D.

Lighting, Industrial
[HOLO]
Wide variety of fluorescent, H.I.D., and incandescent luminaires for industrial applications such as factories, warehouses, foundries, and parking garages. See: **Bantam Prismpack**; **Bantam Prismatite**; **Cranelite**; **Lobay Prismpack II**; **Petrolux**; **Prismatite**; **Prismpack** II; Twin **Prismpack** II; Warehouse **Prismpack** II; **Prismatect** Finish.

Lighting, Outdoor
[HOLO]
See: Lighting, Architectural; Lighting, Floodlighting; Lighting, Roadway.

Lighting, Roadway
[HOLO]
For street, highway, interchanges and large industrial areas, see: **Expresslite** H.I.D.; **Expressway** H.I.D.; **HMS** High Mast System; **Refractopack**; RSL; Substation Luminaire.

Linacoustic Duct Liner
[IPD/IS]
A flexible duct liner insulation made from flame-attenuated glass fiber bonded with a thermosetting resin. Air stream surface is faced with a black coated mat. Used as thermal acoustical liner for sheet metal ducts in heating and air conditioning. For velocities up to 5000 feet per minute and temperature of 250F. Available in roll form in thicknesses of 1/2″, 1″, 1-1/2″ and 2″.
Specification Information:
Compliance with, and/or certification to, NFPA-90A, *can be furnished only when requested on purchase order and acknowledged by J-M.* Compliance with, and/or certification to, HH-I-545B, Type I, *subject to possible exception(s), can be furnished only when requested on purchase order and acknowledged by J-M.*

Linacoustic R Plenum Liner Board
[IPD/IS]
A rigid plenum liner board made from flame-attenuated glass fibers bonded with a thermosetting resin. The air stream surface is covered with a tough, smooth, black coated mat. Offers acoustical and thermal performance in systems operating at velocities up to 5,000 fpm and temperatures up to 250F. Available in thicknesses of 1″ and 1-1/2″, 48″ x 96″ and 48″ x 120″ sheets, and special sizes upon request.
Specification Information:
Compliance with, and/or certification to, HH-I-545B, Type II, *subject to possible exception(s), can be furnished only when requested on purchase order and acknowledged by J-M.*

Liquid Filter Media
[F&MD]
See Air and Liquid Filter Media.

Loam-A-Lite Filler
[INT]
An expanded unmilled perlite used in a variety of applications including refractories and special textured paints.

Lobay Prismpack II Luminaire
[HOLO]
Fixture is pendant, mercury, metal halide or HPS lamps with integral ballasts with low brightness lens, shallow profile for quality comfortable industrial lighting applications at low mounting heights.
Specification Information:
Standard product complies with UL requirement. *If certification is required it must be requested on purchase order and acknowledged by J-M.*

Long Fiber Asbestos Paper
[IPD/RP, IPD/IS]
Paper made with high grade asbestos fiber (minimum fiber content 88%). For use as: thermal insulation; gasketing; base sheet for saturating.

Low Density **Microbestos** Reinforcements
[F&MD]
No longer manufactured. Were long fiber chrysotile asbestos strands used as reinforcements.

Luminous Ceiling Panel (Canada)
[CPD]
No longer manufactured. Was a lay-in ceiling panel.

M

Main Tee (Canada)
[CPD]
No longer available. Was a component for suspended ceilings.

Manbony Sheet
[INT]
Asbestos-cement sheet for use as window sills and door sills.

Manufactured Housing Products
[RPMD]
Products sold to manufacturers of recreation vehicles and mobile and modular homes. Vendor products are available on a limited distribution basis through selected J-M warehouses: polyethylene film, cross-laminated polyethylene film, carpet pad, duct tapes, aluminum and polyethylene cloth, and sheet metal air handling adapters. For the J-M produced Manufactured Housing Products, see: **Mobinsul** Insulation; All-Purpose Building Insulation; Foil-Faced Building Insulation; Un-Faced Building Insulation; Fiber Glass Shingles; Asphalt Shingles; **Flex-Met** Aluminum Duct; **Micro-Aire** M/F Duct Board Type 475; **Micro-Aire** LP Duct Board.

Manvillit Sheet
[INT]
An asbestos-cement/cellulose flat sheet.

Marimet Board
[IPD/RP]
A strong, calcium silicate asbestos-reinforced board of 44 pcf density which is uniformly heat treated at 1100F, to produce an ideal material for feeding and conveying non-ferrous metals to approximately 1800F.

Marine Acoustical Unit
[IPD/RP]
No longer manufactured. Was a rigid unit consisting of a sound-absorbing pad adhered to Perforated Marine Veneer.

Marine **Microlite** Insulation
[IPD/RP]
No longer manufactured. Was an insulation especially developed as a thermal and acoustical blanket for use aboard ships.

Marine Products
[IPD/RP]
See: Hullboard; **Hullinsul**; Incombustible Hullboard; Incombustible Hullboard, Aluminum Foil Faced; Incombustile **Microlite**; Marine Veneer; **Marinite** XL.

Marine Veneer, Natural Gray
[IPD/RP]
A strong, flexible, fire-resistant sheet made of asbestos and cement. Used for low maintenance ceilings and wall facings on ships.
Specification Information:
Compliance with, and/or certification to, SS-B-755A, Type F, *subject to possible exception(s), can be furnished only when requested on purchase order and acknowledged by J-M.*
Compliance with, and/or certification to, 32-MA-5B, *can be furnished only when requested on purchase order and acknowledged by J-M.*

Marine Veneers, Perforated
[IPD/RP]
All types of Perforated Marine Veneers no longer manufactured. Were sheets of Marine Veneer perforated to permit passage of sound waves into separately erected acoustical absorbing elements.

Marinite Panels
[IPD/RP]
Asbestos-containing **Marinite** panels in densities of 23, 36 and 65 pounds per cubic foot are no longer manufactured. Replaced by asbestos-free **Marinite** XL.

Marinite XL and XLO Structural Insulation Panels
[IPD/RP]
An asbestos-free fireproof structural insulation that builds and insulates in one operation. Consists of calcium silicate with inert fillers and reinforcing agents. Suitable for temperature applications to 1200F. Used in construction of ovens, driers, bag-houses, marine panels, and other insulated housing for the retention and control of heat. It is non-corroding, water and damage resistant, and easily erected. Available forms: **Marinite** XL with a sanded finish on both sides, thicknesses 1/2″ through 2″; **Marinite** XL-S, treated on both sides with a silicate of soda impregnant, thicknesses 1/2″, 3/4″, 7/8″ and 1″; **Marinite** XL-V, veneered on both sides with 0.100″ thick hydrothermally cured asbestos-cement sheets, thicknesses 3/4″, 1″ and 1-1/4″. **Marinite** XL will be replaced by an improved **Marinite** designated **Marinite** XLO effective December 1, 1978. It will be available in the same forms and thicknesses as XL.
Specification Information:
Compliance with, and/or certification to, USCG 164.008/90/0 for **Marinite** XL *can be furnished only when requested on purchase order and acknowledged by J-M.* USCG approval of **Marinite** XLO pending.

MaxAcoustic Acoustical Panel
[HOLO/ILS]
No longer manufactured. Was a vinyl-faced fiber glass ceiling panel.

Mayfair Luminaire
[HOLO]
An architecturally styled, low-profile outdoor luminaire available with 100W to 1000W mercury lamps, 175W to 1000W metal halide, and 70W to 1000W HPS lamps. Units are available for wall mounting and pole mounting, with mounting heights ranging from 10 to 40 feet.
Specification Information:
Standard product complies with UL requirement. *If certification is required it must be requested on purchase order and acknowledged by J-M.*

Meatpak Paper
[HAM]
J-M trademark for a waxed paper. See Waxed Paper Products.

Membra-Fil Membrane Filter
[F&MD/SP]
An extremely uniform porosity cellulose nitrate/acetate plastic sheet cut into discs ranging from 13 mm to 293 mm in diameter. The pore sizes range from 0.1 to 5.0 um and different pore sizes are selected by industry to process filter biologicals, pharmaceuticals and wine for the removal of 100% of microorganisms (sterility) and/or particulate matter. It is autoclavable and in-line steam sterilizeable.

Membrane Filtration
[F&MD/SP]
See Scientific Products.

Metacap Duplo
[INT]
A corrugated aluminum jacketing supplied in rolls.

Metal-Clad Duct Insulation
[IPD/IS]
A foil-encased duct insulation for fuel and oil lines, hot and cold air ducts, compressor and de-icing equipment. A flexible metallic insulating jacket designed to at least equal the flexibility of the tube it insulates. In addition to the 360 degree integral jacket, tubing may be furnished in removable half-sections.

Metal-Clad Preformed Insulations
[IPD/IS]
Preformed molded insulations to fit special shapes for jet engine parts and accessories. Many aircraft parts have intricate and complex surfaces which make it impossible to apply flexible wrap-around blankets. In such cases high temperature insulation is encased in lightweight, smooth, dimpled or grooved heat-resistant metal foils. The preformed blankets are made for ready installation and removal, utilizing lacing hooks or grommets to permit attachment.

Metal-Clad Shrouds
[IPD/IS]
An integral, structural, refractory insulation that can be incorporated in basic aircraft or missile design. It meets exacting tolerance requirements of air-frame construction, is lightweight and has a minimum of parts to permit ease of installation.

Metal-Clad Structural Panels
[IPD/IS]
Metal-Clad Structural Panels (including refractory insulation) are rigidized by special J-M lightweight construction methods to withstand severe air velocities, "G" loads, and vibration. Foils are rigidized either by grooves or by pattern design based on rigidity requirements. Various attachment methods are available, such as bolts, clips or rivets.

Metal-Clad Wrap-Around Blankets
[IPD/IS]
Wrap-Around Blankets are flexible, readily-removable, insulating blankets for jet engine tail pipes, afterburners, and missile and rocket engines. Constructed of high temperature insulations encased in heat-resistant metal alloys (stainless steel, Inconel) to provide protection against erosion, fuel penetration, and vibration.

Metal-Lok Pipe Insulation
[IPD/IS]
A combination of **Micro-Lok** 650 glass fiber pipe insulation manufactured from fine flame-attenuated glass fibers, with a factory applied smooth aluminum jacket. Used for insulating and weatherproofing hot piping.

Metalok Shingle
[RPMD]
No longer manufactured. Was an asphalt roof shingle.

Metal-On Insulation for Heated Tanks
[IPD/IS]
An insulating system for heated tanks combines specially formulated **Spin-Glas** insulation and a facing of .016" thick embossed, diamond-rib aluminum sheet for weather protection and good appearance.

Metal-On Pipe Insulation
[IPD/IS]
Consists of high temperature **Thermo**-12 Pipe Insulation pre-jacketed at the factory with top quality aluminum or stainless steel. Furnished as an integral package (including a built-in isolation felt), a section of **Metal-On** Insulation snaps on the pipe and locks tightly in place to seal out weather and protect insulation indefinitely. Available in 36" sections in a complete range of sizes up to 24" pipe size by 3" thickness. Mitered sections also available, or can be mitered in the field.
Specification Information:
Compliance with, and/or certification to, HH-I-523, Type II (excluding Class D); MIL-I-2781E (insulation only), ASTM-C-533 (insulation only), *can be furnished only when requested on purchase order and acknowledged by J-M.*

Mic

Mica Wax Paper
[HAM]
J-M trademark for a waxed paper. See Waxed Paper Products.

Micro-Aire Automotriz
[INT]
J-M trade name used in Argentina to identify automotive insulation.

Micro-Aire Board
[INT]
J-M trade name used in Argentina to identify **Microlite.**

Micro-Aire FLX Duct
[IPD/IS]
No longer manufactured. See **Micro-Aire J/FLX** Duct.

Micro-Aire FS Duct
[IPD/IS]
No longer manufactured. See **Micro-Aire** FS/J Duct.

Micro-Aire FS/J Duct
[IPD/IS]
Made from flame-attenuated fiber glass, it is rigid, round, preformed duct with scrim-reinforced foil vapor barrier jacket. Designed for residential and light commercial heating and air-conditioning duct systems, in new construction and retrofit application, as well as for replacement of noisy or rusty metal systems. Provides air duct, thermal insulation, sound absorption and vapor barrier in one unit. Available in most standard round duct sizes from 5″ through 14″ ID. All sections are 5′ 10″ long and have a nominal 5/8″ thick wall.
Specification Information:
Standard product complies with UL-181, Class 1. *If certification is required it must be requested on purchase order and acknowledged by J-M.*

Micro-Aire HV-3 Rigid Round Duct
[IPD/IS]
A high pressure, high velocity, preformed fiber glass duct specifically designed for VAV energy-efficient heating and cooling systems. Made from flame-attenuated glass fibers, it provides thermal insulation, vapor barrier, and acoustical absorption in one product. The cylindrically formed sections are covered with a triple-layered, fire-resistant scrim reinforced foil jacket. Available in 6′ lengths, in a nominal thickness of 1″, in tubular form from 4″ through 10″ in 1″ increments, and 10″ through 18″ in 2″ increments.
Specification Information:
Standard product complies with UL-181. *If certification is required it must be requested on purchase order and acknowledged by J-M.*

Micro-Aire J/FLX Duct
[IPD/IS]
An insulated, flexible fiber glass duct designed for both heating and cooling applications in low pressure air conditioning systems. Designed to provide air duct, thermal insulation, sound absorption, and vapor barrier in a single lightweight product. Made in wall thickness of 1-1/4″, in tubular form from 4″ through 10″ in 1″ increments, and 10″ through 18″ in 2″ increments. Lengths are 25 feet up to 14″ I.D. and 15 feet from 16″ to 18″ I.D. Special lengths available on request.
Specification Information:
Standard product complies with UL-181. *If certification is required it must be requested on purchase order and acknowledged by J-M.*

Micro-Aire LP Duct Board
[RPMD]
Low-Pressure **Micro-Aire** Duct Board is made from flame-attenuated glass fibers bonded with a thermosetting resin. One surface is faced with a fire-resistant Foil-Scrim-Kraft acting as both an air and vapor barrier. For use in heating and air conditioning systems in mobile and modular construction operating at .75″ w.c. positive and .5″ w.c. negative or less, and 2,000 fpm maximum air velocity. Maximum duct dimensions 20″ and minimum 4″. Furnished in standard 4′ by 8′ or 10′ in 5/8″ thickness.

Micro-Aire M/F Duct Board Types 475 and 800
[IPD/IS]
A flat, rigid board used to fabricate rectangular duct. Material is made from resin-bonded, flame-attenuated glass fiber, and is faced with fire resistant Foil-Scrim-Kraft. Used to provide air duct, thermal insulation, noise absorption, and vapor barrier in one product. Available in Types 475 and 800 stiffnesses in 1″ and 1-1/2″ thicknesses. Sheets are available with factory molded male/female joints. Sheet sizes 48″ x 96″ and 48″ x 120″.
Specification Information:
Standard product complies with UL-181; NFPA-90A,-90B. *If certification is required it must be requested on purchase order and acknowledged by J-M.*

Micro-Aire PKP
[INT]
A fiber glass insulation backed with plasticized kraft paper.

Micro-Aire Rigid Round Duct
[IPD/IS]
A preformed fiber glass duct for comfort heating and cooling systems. Made from flame-attenuated glass fibers, it provides thermal insulation, vapor barrier and acoustical absorption in one product. The cylindrically molded sections are covered with a fire-resistant scrim reinforced foil jacket. Available in 6′ lengths, in a nominal thickness of 1″, in tubular form from 4″ through 10″ in 1″ increments, and 10″ through 30″ in 2″ increments.
Specification Information:
Standard product complies with UL-181. *If certification is required it must be requested on purchase order and acknowledged by J-M.*

Mic

Microbestos A Paper
[F&MD]
No longer manufactured. Was a high grade chrysotile asbestos paper.

Micro Ceiling Tile (Canada)
[CPD]
No longer manufactured. Was an acoustical ceiling tile.

Micro-Cel Adsorbents and Fillers
[F&MD]
Synthetic hydrous calcium silicate products produced by hydrothermal reaction of diatomaceous silica, hydrated lime, and water. The unusual physical properties of synthetic silicates, in addition to their chemical characteristics, are utilized by chemical, food, paper, agricultural, detergent, pharmaceutical, paint and many other industries to provide product improvement and lower costs. Many of these applications are based on a combination of the adsorption, particle size and shape, and surface area. Have very high adsorptive capacity. Available in grades: A, B, C, E, T-13, T-26, T-38, T-49 and T-70.

Micro-Fiber Bulk
[IPD/IS, F&MD]
Flame-attenuated glass fibers produced from borosilicate glass. See: **Q-Fiber** Bulk; High Purity Quartz Fiber; "E" Felts and Bulk Fiber; "475" Felts and Bulk Fiber; **Tempstran.**

Micro-Fibers Felt
[IPD/IS]
Made by water disposition of fine glass fibers produced from borosilicate glass. It is white in color with a soft suede-like feel. Available in two Types: "E" Felts and "475" Felts. Designed for use as thermal insulation in medium temperature range, 1200F and 900F respectively, as for aircraft. Also effective as air and gas filtration media.

Micro-Fibers Web and Mat
[IPD/IS]
Relatively thin, lightweight felt or paper-like materials made from randomly dispersed, air-gathered fine flame-blown glass fibers. Supplied in continuous rolls. The web only is supplied with light paper inter-leaving to separate the plies. Neither product contains binder or surface treatment of any kind except that the mat products are heat treated to achieve more paper-like properties. The prime use of these materials is a non-conductive separating media between reflective metallic shields in cryogenic insulations. They are also useful as thermal insulation.

Microflex Insulation (Canada)
[CPD]
A jacketed fibre glass blanket covering for pipes and vessels where high compressive strengths are required.
Specification Information:
Standard product complies with ULC. *If certification is required it must be requested on purchase order and acknowledged by J-M.*

Micro-Foil Insulating Tape
[IPD/IS]
An insulating tape using **Micro-Fibers** Felt or **Q-Felt** backed by soft aluminum foil adhered with a silicone adhesive. Used for wrapping tubing, piping and ducting.

Microlite AA Insulation
[IPD/IS]
Lightweight and flexible, these blankets help control thermal and acoustical transmission in a variety of aerospace applications in which hot face surface temperatures do not exceed 450F. Formed from resin bonded borosilicate glass fibers, they are furnished: Phenolic – an anti-punk, thermosetting resin that provides excellent dimensional stability in general service; and Water Repellent Phenolic – an anti-punk, thermosetting resin with silicone additives that provides increased water resistance for service in areas where condensation may tend to accumulate. Both binder types are available in a range of densities, weights, and thicknesses, in 100 foot roll lengths in standard widths of 36″ and 72″.
Specification Information:
Compliance with, and/or certification to, MIL-B-5924B, Amd. 3, Type I, *subject to possible exception(s), can be furnished only when requested on purchase order and acknowledged by J-M.*

Microlite B Insulation
[IPD/IS]
Lightweight and flexible, blankets are made from flame-attenuated borosilicate glass fibers and bonded with a thermosetting phenolic resin binder. Designed for use in aircraft and other equipment applications in which space and weight savings and high thermal and acoustical performance are required, and where hot-face surface temperatures do not exceed 350F. **Microlite** B Blankets are furnished in a range of densities, weights, and thicknesses, in 100 foot roll lengths and in standard widths of 36″ and 72″. Furnished Plain, Uncured and Plain, Unbonded.
Specification Information:
Compliance with, and/or certification to, MIL-B-5924B, Amd. 3, Types II, IIA, III, IIIA, *subject to possible exception(s), can be furnished only when requested on purchase order and acknowledged by J-M.*

Microlite Duct Liner
[IPD/IS]
A flexible flame-attenuated glass fiber duct liner heavily coated with a black pigmented neoprene. Used as a thermal acoustical liner on the inside of sheet metal ducts for heating and air conditioning systems at velocities to 5000 fpm. Available on Special Product Price Inquiry basis.
Specification Information:
Compliance with, and/or certification to, NFPA-90A, *can be furnished only when requested on purchase order and acknowledged by J-M.* Compliance with, and/or certification to, HH-I-545B, Type I, *subject to possible exception(s), can be furnished only when requested on purchase order and acknowledged by J-M.*

Mic

Microlite Equipment Insulation
[IPD/IS]
Light, resilient, thermal/acoustical blankets of fine, flame-attenuated glass fibers with resin-binder for equipment uses. Supplied in densities from .60 to 3.0 pcf. Furnished plain, or coated, or with facing.

Microlite "L" Insulation
[BSD/PEBS]
A highly resilient blanket insulation for roofs and walls, available through laminators with a choice of facings. It offers excellent thermal performance and sound absorption. **Microlite** "L" plus a suitable facing provides an attractive appearance and a good vapor barrier. Available in nominal thicknesses of 1-1/2, 2, 2-1/2, 3, 3-1/2 and 4 inches, in widths of 36, 48, 62-1/2 and 72 inches.
Specification Information:
Compliance with, and/or certification to, HH-I-558B, Form B, Type 1, Class 6, *subject to possible exception(s), can be furnished only when requested on purchase order and acknowledged by J-M.*

Microlite Plain
[IPD/IS, F&MD]
A lightweight, glass fiber blanket bonded with a thermosetting binder with no vapor barrier.
Specification Information:
Standard product complies with CGSB 51-GP-11M. *If certification is required it must be requested on purchase order and acknowledged by J-M.*

Microlite R-Series Duct Insulation
[IPD/IS]
A lightweight, highly resilient, blanket-type insulation made of long, extremely fine, flame-attenuated glass fibers bonded with a thermosetting resin. Recommended as a thermal insulation for the exterior of rectangular and round sheet metal ducts and heating or cooling systems. Provides the insulating character required for most metal duct systems. Supplied in roll form with any of three factory-applied vapor barrier facings: FSK (Foil-Scrim-Kraft), FSKL (a light duty Foil-Scrim-Kraft) and Vinyl. Available 1-1/2" and 2" thicknesses, 48" width.
Specification Information:
Compliance with, and/or certification to, NFPA-90A & 90B; UL, *can be furnished only when requested on purchase order and acknowledged by J-M.* Compliance with, and/or certification to, HH-I-558B, Amd. 2, Form B, Type I, Class 6, *subject to possible exception(s), can be furnished only when requested on purchase order and acknowledged by J-M.*

Microlite Standard Duct Insulation
[IPD/IS]
A lightweight, highly resilient, blanket-type thermal and acoustical insulation made of long, extremely fine, flame-attenuated glass fibers, bonded with a thermosetting resin. It is recommended as thermal insulation for the exterior of rectangular and round sheet metal ducts in heating or cooling systems and it is ideal for plenums or other spaces or surfaces where temperatures must be controlled. Temperature limit Unfaced 350F, Faced 250F. Furnished: Plain, FSK (Foil-Scrim-Kraft), FSKL and Vinyl.
Specification Information:
Compliance with, and/or certification to, HH-I-558B, Form B, Class 6; MIL-I-22023C, *subject to possible exception(s), can be furnished only when requested on purchase order and acknowledged by J-M.* Standard product complies with CGSB 51-GP-11M. *If certification is required it must be requested on purchase order and acknowledged by J-M.*

Microlite Uncured B Blanket
[IPD/IS]
A lightweight glass fiber blanket impregnated with a thermosetting resin that is not cured. The binder is a phenol-formaldehyde resin. This blanket requires the forming into the desired finished product and then cured by heat.

Microlite Uncured Melamine "B" Insulation
[IPD/IS]
No longer manufactured. Was flame-attenuated glass fibers, bonded with uncured melamine thermosetting resin suitable for subsequent molding to desired shape and density.

Microlite Uncured Phenolic "AA" Insulation
[IPD/IS]
Consists of very fine flame-attenuated glass fibers, bonded with phenolic thermosetting resin, suitable for subsequent molding to desired shape and density. The molded or sized products, after proper curing, are useful in applications having critical thermal and acoustical property requirements. The binder is a phenol-formaldehyde base resin for service temperatures to 450F after proper cure. The cured product will show no signs of punking below the recommended service temperature limit. However, this maximum service temperature may be affected by conditions such as thickness and density of the part, and may vary from the suggested values. Also available as **Microlite** Uncured Water Repellent Phenolic "AA" Insulation.

Microlite Uncured Silicone "AA" Insulation
[IPD/IS]
Consists of very fine flame-attenuated glass fibers, bonded with silicone thermosetting resin, suitable for subsequent molding to desired shape and density. The molded or sized products, after proper curing, are useful in applications having critical thermal and acoustical property requirements. The binder is a silicone organic base resin for service temperature to 700F after proper cure. The cured product will show no signs of punking below the recommended service temperature limit. However, this maximum service temperature may be affected by conditions such as thickness and density of the part, and may vary from the suggested values.

Microlith Mat
[INT]
German trademark for mat formed from fiber glass monofilaments chopped into a uniform length, oriented in a random pattern, combined with a binder, and bonded together into relatively thin, non-woven fiber glass mats.

Micro-Lok 650 Insulation
[IPD/IS]
A rigid, lightweight, flame-attenuated glass fiber pipe insulation designed for indoor and outdoor piping for applications up to 650F (temperatures in the range 500 to 650F, a minimum of 2″ thickness must be used). Supplied in various wall thicknesses for a broad range of standard iron pipe and copper tubing sizes. Furnished: Plain (no jacketing), AP (All-Purpose, FSK, white), AP-T (same as AP but with pressure-sensitive closure system), and ML (**Metal-Lok**) (.016″ or .010″ aluminum, or .010″ stainless steel).
Specification Information:
Compliance with, and/or certification to, MIL-I-22344B; HH-I-558B, Form D, Type III, Classes 12 and 13 (2″ thickness and above), *subject to possible exception(s), can be furnished only when requested on purchase order and acknowledged by* J-M. *Standard product complies with* GSB 51-GP-9M; ULC. *If certification is required it must be requested on purchase order and acknowledged by J-M.*

Micro-Mist Filler
[F&MD]
A development product; only samples are available at this time. It is a synthetic hydrous calcium silicate for use as a filler in process industries.

Micro-Quartz Products
[IPD/IS]
Now identified as **Q-Fiber** Bulk and Felt Insulation, and **Tempstran** Bulk Fiber.

Microsweet Adsorbent Filter Aid
[F&MD]
Developed for the removal of suspended solids, to reduce color and to control free fatty acid in cooking oils specifically for the fast food insustry. It is a blend of a **Celite** Filter Aid and specially produced synthetic calcium and magnesium silicates. **Microsweet** is nontoxic.

Millboard Sheet
[IPD/RP, IPD/IS, ISD/SC]
A dense, rigid, fireproof sheet or board material, light gray in color made with Asbestos Fiber. Sheets are furnished in thicknesses ranging from 1/32″ to 3/4″, in standard size of 42″ x 48″. Cut pieces can also be supplied. Recommended for applications which require a sheet or board insulation for protection from fire, heat, and acid fumes. Available styles are No. 102, No. 106, No. 219, No. 766, C Grade, XXX, and Silicated Millboard. Styles 219 and 766 are also frequently used for gaskets (Sales Responsibility ISD/SC).

Min-K Insulation, Molded and Flexible
[IPD/IS]
Min-K thermal insulation is a high temperature insulating material formed from fibrous media and very fine, heat-resistant particulate matter. The combination of these materials creates a physically strong, micro-porous insulation with extremely low thermal conductivity, and low thermal diffusivity for use in high termperature ranges. **Min-K** satisfies a diverse range of service requirements and operating conditions in aerospace, atomic energy, and engine exhaust system applications, or wherever space and weight savings are critical. **Min-K** is available in molded and flexible forms. Molded **Min-K** Insulation is made in two standard types: 1301, 2000. Plus the high purity TE Series in three types: TE 1200, TE 1400, and TE 1800. These numerical designations are approximate indications of the maximum operating temperatures for steady state application. Flexible **Min-K** Insulation is made in five special forms to meet specific service requirements: Standard, Insulating Tape, Lightweight, Mid Range (Limit to 1200F) and High Temperature (Limit to 1800F).
Specification Information:
Compliance with, and/or certification to, RDT-M12-5T for Flexible **Min-K** Standard and High Temperature only, *can be furnished only when requested on purchase order and acknowledged by J-M.* Compliance with, and/or certification to, MIL-I-24244A for Flexible **Min-K** in Standard, Lightweight, Medium and High Temperature Ranges, and Molded **Min-K** Types 1301, 2000 and TE1400, *subject to possible exception(s), can be furnished only when requested on purchase order and acknowledged by J-M.*

Mira-Crylic (Canada)
[CPD]
No longer manufactured. Was a clear plastic over-spray for white wood fiber ceiling tiles to provide washability.

MIST Oil Seal
[ISD/SC]
Heavy duty oil seal for steel and aluminum mill roll neck service. Specifically designed to overcome spring dumping during installation. The stainless steel garter spring in a **MIST** Oil Seal is completely encapsulated so it will not jar loose. The seal is completely corrosion resistant.

Mobilene Sheet
[ISD/SC]
J-M trademark for Style 101 Woven Asbestos Sheet.

Mobinsul Insulation
[RPMD]
A flame-attenuated glass fiber bonded with a thermosetting resin. Specifically made for manufactured housing, both mobile and modular homes. Available in rolls and batts, in thicknesses of 1-3/8″ R-4, 2-1/2″ R-7, 3-1/4″ R-9, 4″ R-11 and 4-1/2″ R-14.

Modular AC **Power Station** Luminaire
[HOLO]
Self-contained, pre-engineered, central emergency power supply. Supplies AC emergency power for incandescent and fluorescent lamps. Sizes range from 600 VA through 3000 VA capability. Equipment includes high-grade telecommunications, batteries and appropriate monitoring devices so that unskilled personnel can determine system status quickly.
Specification Information:
Standard product complies with UL requirement. *If certification is required it must be requested on purchase order and acknowledged by J-M.*

Module 600 Luminaire
[HOLO]
A versatile wall or pole mounted luminaire for outdoor lighting that complements building architecture. Available with 175W to 400W mercury, 175W to 400W metal halide, and 70W to 400W HPS lamps with integral ballasts and unique effective lighting distribution.
Specification Information:
Standard product complies with UL requirement. *If certification is required it must be requested on purchase order and acknowledged by J-M.*

Mogul Packing
[ISD/SC]
J-M trademark for Styles CG-3 and CG-6 Pump and Valve Packings.

Molded Asbestos-Cement Products
[INT]
A variety of shapes molded from asbestos-cement.

Molded Packings
[ISD/SC]
For sealing cylinder rods, rams or pistons, (reciprocating motion) in pneumatic or fluid powered equipment. The performance of the sealing material is restricted to the severity and combined effects involving application factors such as pressure, temperature and chemistry of the media, equipment surface speeds, finishes, misalignment and clearances, and methods of packing installation. Available in many compound/fabric and all-compound styles for various service requirements. See packing design types available: Air Cushion "U" Cups; **Chempac** (Teflon*) Machined and Molded Shapes; **Conepac**; Deep Base **Uneepac**; Hat Type Gasket; Industry Standard "A" Cup; **Resistan**; Rod Wiper Types P and H; Sea Ring; Standard "A" Cup; "U" Cup; **Uneepac** Standard; **Uneethane**; V-Ring; V-Ring, Style 400; **Unee-Cup**; **Wildcat** Slush Pump; (*Du Pont T.M.).

Molten Metal Marinite Board
[IPD/RP]
A strong, calcium silicate, asbestos-reinforced board, heat treated at approximately 1100F under careful quality control for greater life and improved machining characteristics. Ideal material for feeding and conveying non-ferrous metals up to approximately 1350F.

Molten Metal Marinite SG Board
[IPD/RP]
No longer manufactured. Used when more wear resistance was needed.

Mortars, Refractory
[IPD/RP]
Recommended for bonding together many relatively small brick units into a stable, strong, and gas-tight structure. Air-setting mortars identified as: No. 20; No. 2986; **Blakite**; Super **Blakite**; **Hellite**. Heat-setting mortars are identified as: No. 26; No. 31; No. 32; **Zelie**.

Moving Bed Filter (MBF)
No longer manufactured. Was a continuous filtration process in which the wastewater moved countercurrent to the filter medium. Contact: Peabody Wells, Inc., Roscoe, IL.

Multilume Luminaire
[HOLO]
Square lensed, surface mounted or recessed lighting fixtures for use in offices, stores and institutions. Choice of **Controlens** and trims on the integrally ballasted units for mercury, metal halide, high pressure sodium lamps.
Specification Information:
Standard product complies with UL requirement. *If certification is required it must be requested on purchase order and acknowledged by J-M.*

"MX" Specialties
[ISD/SC]
An "MX" designated style, such as MX-3202, or MX-4912, is a Custom Engineering Product, a CEP item, generally produced for defense and aerospace applications, but also available for many specialty applications. Available on a Special Product Price Inquiry basis. Contact Sales Office.
Specification Information:
Compliance with, and/or certification to, HH-P-31D for MX-4912; HH-P-00106 for MX-2572, MIL-G-17927A for MX-2571, *can be furnished only when requested on purchase order and acknowledged by J-M.*

N

Natural Rubber Sheet
[ISD/SC]
Identified as Style 113. Resists most inorganic salts, ammonia, acids and alkalies. Because of its inherent compressibility and recovery characteristic it is recommended as seals for doors, closures and rough flanges, such as refrigeration applications, marine service and general industrial gaskets. Temperature to 200F.
Specification Information:
Compliance with, and/or certification to, MIL-R-3065C, Class RN-430A; ASTM-D-2000, 4AA, 430, A13, *can be furnished only when requested on purchase order and acknowledged by J-M.*

Navalon Packing
[ISD/SC]
J-M trademark for Styles CW1 and C-245 (WPH) Pump and Valve Packings.

Navaseal Compound
[IPD/IS]
No longer manufactured. Was a practically incombustible sealer for Navy applications.

NCP Siding
[RPMD]
No longer manufactured. Was an asbestos siding sidewall.

Neoprene Diaphragm Sheet
[ISD/SC]
Identified as Styles 105 and 106-R. General purpose material with broad application in oil and gasoline service such as fuel pumps, control valves and similar uses. Contain medium-weight duck or double-woven nylon cloth insertions. Service temperature to 250F.
Specification Information:
Compliance with, and/or certification to, MIL-R-3065C, Class SC-710, A1, E3; ASTM-D-2000, Class 3BC-710, A14 for Style 105, Class 3BC-710, A14, E34 for Style 106-R, *can be furnished only when requested on purchase order and acknowledged by J-M.*

Neoprene Rubber Sheet
[ISD/SC]
Identified as Styles: 103; 104; 111. Rubber Sheet Packings well suited for sealing oil, gasoline, and petroleum solvents.
Specification Information:
Compliance with, and/or certification to, MIL-R-3065C: Class SC-405 for Style 103, Class SC-505 for Style 111, Class SC-605 for Style 104; ASTM-D-2000: Class 2BC 405, A14 for Style 103, Class 2BC-505, A14 for Style 111, Class 3BC-605, A14 for Style 104, *can be furnished only when requested on purchase order and acknowledged by J-M.*

Nitrile Rubber Sheet
[ISD/SC]
Identified as Styles 126 and 127. Sheet Packings made of NBR (Nitrile, Buna N) recommended as gasketing material for solvents and aromatic fuels. Temperature to 250F.
Specification Information:
Compliance with, and/or certification to, MIL-R-3065C: Class SC-415 A, B, E3, F2 for Style 126, Class SB-615 A, B, E3, F2 for Style 127; MIL-R-6855C, Amd. 1: Class I, Grade 40 for Style 126, Class I, Grade 60 for Style 127; MIL-R-15624E, Class III for Style 126; ASTM-D-2000: Class 5BG-415, A14, B14, E34, F19 for Style 126, Class 5BG-615, A14, B14, E34, F19 for Style 127, *can be furnished only when requested on purchase order and acknowledged by J-M.*

Nodrseal Compound
[IPD/IS]
No longer manufactured. Was a general purpose compound.

Non-Burn Asbestos Paper
[IPD/RP, IPD/IS]
A medium length fiber paper with high fiber content. Suitable for continuous service at 400F. Available .012" thick, 4 lbs/100 sq. ft. wt.

O

OEM Insulations
[IPD/IS]
See: "A" Fiber Flotation Wool; **Exact-O-Board**; **Exact-O-Mat**; **Microlite** Uncured AA; **Microlite** Uncured B; Range Board; Range Spin-Glas; **Spin-Glas** Equipment Insulation; **Spin-Glas** 800 Series Flexible and Non-Flexible; **Tuf-Skin** Insulation; Unbonded B-Fiber Batt; Water Heater **Spin-Glas**.

Ohmstone Boards
[BSD/ICP]
Companion material of **Asbestos Ebony** Board, they are intended primarily for use as a base material for low voltage (up to 600 Volts) switchboards, controller plates, switch bases, bus-bar supports, and similar equipment which is to be operated under unusually dusty conditions. **Ohmstone** has been specially developed for such conditions and combines unusual arc-resistance with high mechanical strength and low cost. Composed of mineral fiber, Portland cement and a water repellent ingredient bonded under pressure and impregnated with a non-carbonizing insulating compound. It has an average arc-resistance of 230 seconds. Available in thicknesses of 1/4, 3/8, 1/2, 5/8, 3/4, 1, 1-1/4, 1-1/2 and 2 inches, in 4′ x 8′ sheet only. **Ohmstone** Lacquer available as an accessory item.

Oil Filter Cartridges
[F&MD]
Consist of fiber glass resin binder, covered with an open woven cotton sock material and a perforated, rigid metal center tube. Used to filter hydraulic fluids, lubricating oils, cutting oils, diesel, and other special applications. J-M offers a variety of dimensions which conform to industry standards and can replace competitive cartridges.

Oil Seals
[ISD/SC]
See **Clipper** Oil Seals.

One Directional Ceiling System (Canada)
[CPD]
No longer manufactured. Was a mineral acoustic system with exposed parallel teebars in one direction only.

One-Sevener Filter Holder
[F&MD/SP]
A portable stainless steel filter holder that holds from one to seven 293 mm diameter membrane filters. The cover adjusts to any intermediate number automatically. No spacers are used. It incorporates a bubble test valve and vent valve on the top of the cover. Closure is accomplished by means of a single central bolt which is closed by means of a rod and a preset torque wrench. It is autoclavable and in-line steam sterilizeable.

Open-Plan SpanAcoustic Panel
[HOLO/AC]
No longer manufactured. Was a fiber glass ceiling panel with a perforated textured vinyl surface.

Organic Felts for Built-Up Roofing Systems
[BSD/ICP]
See: #15 Asphalt Saturated Felt; **Planet** Base.

Outside Lip Seal
[ISD/SC]
Clipper Oil Seal having an outside lip application available in Types LUP-OL and RUP-OL. Seal is designed for mounting on rotating shafts to seal against the stationary bore. Furnished with stainless steel spring.

P

Packings
[ISD/SC]
See: **Clipper** Oil Seals; Groove and Door Packings; Moulded Packings; Pump and Valve Packings; Rope Packings; Sheet Packings; Tadpole Tapes; Tapes – Woven Asbestos or Fiber Glass.

PAC Tape
[IPD/IS]
No longer manufactured. Was a self-adhering, fabric tape faced with aluminum-pigmented vinyl for sealing joints between sections of **Micro-Aire** ducts.

Pak Rap Paper
[HAM]
J-M trademark for a waxed paper. See Waxed Paper Products.

Pallet Products
No longer manufactured. Were identified as **Plypar** Pallet, **Prop** Pallet and UV Pallet.

Panelite Luminaire
[HOLO]
Fluorescent luminaires for emergency, security and general use. Either horizontally or vertically mounted luminaires blanket large spaces. Available recessed or surface. Provides emergency lighting for battery powered light that comes on instantly and remains on for 90 minutes minimum.
Specification Information:
Standard product complies with UL requirement. *If certification is required it must be requested on purchase order and acknowledged by J-M.*

Panels, Architectural/Composite Building
[BSD/ICP]
J-M Architectural Panels are a mixture of synthetic calcium alumina silicate binder, formed under hydrothermal conditions, reinforced with finely dispersed asbestos fibers and mixed with inorganic pigments and fillers. These panels can be utilized for exterior walls, facias, soffits, spandrels, interiors, and in conjunction with J-M **Struct-O-Wall** total wall systems, for dry-built entire walls. They are metal fastened. Used in commercial, industrial and multi-unit residential buildings. For styles and systems see: Architectural Panel Accessories; **Aegean; Klefstone, Santone, Splitwood II, Stonehenge,** and **Rentone** Architectural Panels; **Permatone** "S" Panel; **Struct-O-Wall** System; Aluminum Moldings; Aluminum Snap-In System. Also available are laminated panels with various cores, see: **Transitop; Transifoam; Thermocore.**

Panels, Industrial/Composite Building
[BSD/ICP]
Mineral fiber sheet products are used in four broad marketing areas: architectural, industrial, marine and laboratory equipment. These sheets are hard and rigid, and are rot, rust and weather resistant. They are also rated as non-combustible. See Sheets: **Asbestoboard; Asbestos Ebony; Chemstone; Colorceran; Colorlith; Electrobestos; Flexboard, Marinite** XL; **Ohmstone; Transite.**

Pan-Insul Panel Insulation
[BSD/PEBS]
A fiber glass insulation batt specially designed for manufacturers who produce 16″ sidewall panels for metal buildings.

Paperbestos Fiber
[AFD]
Highly open grades of asbestos available in a variety of lengths designated as No. 1, No. 2, No. 3, No. 5, and No. 8. These grades were developed by J-M for use in certain applications, such as asbestos latex sheets.

Parkpak Luminaire
[HOLO]
A rugged construction and modern design, enclosed and gasketed lighting for vandal-prone indoor/outdoor areas, wall, ceiling, or mounted applications. Ballast component mounted and internally separated from the lamp compartment. Available with H.I.D. 100W and 175W mercury, 175W metal halide, and 70W, 100W and 150W HPS lamps.
Specification Information:
Standard product complies with UL requirement for wet location. *If certification is required it must be requested on purchase order and acknowledged by J-M.*

Particle-Gard LPC **Firedike** Ceiling Panels
[HOLO/AC]
No longer manufactured. Were non-breathing, felted mineral fiber panels with an acrylic plastic over spray used in clean room areas.

Pathfinder Luminaire
[HOLO]
No longer available. Superseded by **Trailblazer** Luminaire.

Percepta Luminaire
[HOLO]
Surface mounted wrap-around **Controlens** units for a single fluorescent lamp in 4′ or 8′ lengths for use in commercial interiors designed to provide a bat-wing distribution. Rapid start or high output lamp units.
Specification Information:
Standard product complies with UL requirement. *If certification is required it must be requested on purchase order and acknowledged by J-M.*

Perforated **Flexboard** Sheets
[BSD/ICP]
No longer available. Were perforated mineral fiber and cement board.

Perlite Ore
[F&MD]
Perlite is a form of siliceous volcanic glass, containing 2-5% combined water, which allows for a unique process called popping or expanding. This phenomenon produces 20-to-1 expansion. The crude ore is found in the area of the Sangre de Cristo Mountains in north central New Mexico and was formed in the ages prior to the most recent volcanic activity. Forms a lightweight aggregate, for use in insulations, fertilizers, plaster and many other products.

Perm-Align Luminaire
[HOLO]
Recessed or surface-mounted units are 1x4, 2x2 and 2x4 fluorescent luminaires with frameless **Controlens** for use in commercial interiors.
Specification Information:
Standard product complies with UL requirement. *If certification is required it must be requested on purchase order and acknowledged by J-M.*

Permastran Pipe
[PD]
A fiber glass composite pipe consisting of epoxy-encased fiber glass wound continuously over a PVC core with integral bell and rubber gaskets. Furnished for use in water and fire main applications, sewer force main and industrial services. Available in sizes 4, 6, 8, 10 and 12 inches with cast iron pipe outside diameters and for pressures up to 350 psi.
Specification Information:
Standard product complies with ASTM-D-2996; FM; FIA; ULC. *If certification is required it must be requested on purchase order and acknowledged by J-M.* Compliance with, and/or certification to, UL *can be furnished only when requested on purchase order and acknowledged by J-M.*

Permatone "S" Panels
[BSD/ICP]
A decorative panel comprised of an inorganic base sheet with a baked color finish. The base sheet is composed of a mixture of synthetic calcium-aluminum-silicate binders reinforced with selected mineral fibers with a three-coat finishing system. Offered in 16 earth tone colors and 5 accent colors. Available in thicknesses of 1/8″, 3/16″ and 1/4″ (3/8″ and 1/2″ available on special order), in sizes 4′ x 4′, 4′ x 10′ and 4′ x 12′.

Personnel Protector Sleeve
[ISD/SC]
A flexible, insulating tubing designed for installation over vehicular and equipment exhaust ducts. Will reduce temperature by as much as 700F within space of approximately 1/2″ wall thickness. Designed for diameters up to 8″. Additional sizes available on request. Designed with a minimum of exothermic materials, the sleeve will not release contaminating gases to the environment. Available on Special Product Price Inquiry basis. Contact Sales office.

Petrolux Luminaire
[HOLO]
Low wattage H.I.D. luminaire designed for pendant, flexible pendant, wall stantion and ceiling mounting. General usage luminaires also available for areas not requiring hazardous location listings.
Specification Information:
Standard product complies with UL Class 1, Division 2; Class 2, Divisions 1 and 2; Class 3; UL for wet locations; all enclosed and gasketed units. *If certification is required it must be requested on purchase order and acknowledged by J-M.*

Pilot Roofing
[RPMD]
A smooth-surfaced asphalt roll roofing. Furnished 36″ wide by 36′ long rolls, approximate weight 65 pounds per roll.
Specification Information:
Compliance with, and/or certification to, SS-R-501D, Int. Amd. 2, Types III and IV; ASTM-D-224, *subject to possible exception(s), can be furnished only when requested on purchase order and acknowledged by J-M.*

Pipe
[PD]
See: **Thermopipes**; **Transite**; **Permastran**, PVC.

Pipe Insulation
[IPD/IS]
See: **Aerotube**; **Micro-Lok** 650; **Thermo**-12; **Zeston**.

Pipe, Pre-insulated, Underground
[PD/CHAC]
See **Thermopipes**.

Pipeline Protection Materials
[ISD/PP]
See: Adhesive, No. 22 Primer; **Blue Flag** Pipe Wrap; **Duramat** Types 240 and 240M; **Duramesh** Fabric; **Duratape** Types W-800B and W-900B; **En Garde** Tape; **En Garde** Primer; **Glass Core** Pipeline Felt; **Rock Shield** Board; **Rock Shield** Tape; **Tile Guard** Cover; **Transhield** Pipeline Felt; **Trantex** Tape Types E-12, VID-10, VID-20; **Tri-Shield** Pipeline Wrap.

Planet Base Felt
[BSD/ICP]
An asphalt saturated organic and coated felt used as a base felt for several roof specifications.
Specification Information:
Compliance with, and/or certification to, ASTM-D-2626, Type I; SS-R-501D, Int. Amd. 2, *subject to possible exception(s), can be furnished only when requested on purchase order and acknowledged by J-M.*

Planmatic Ceiling Panel
[INT]
A fiber glass ceiling panel.

Plant Fiber Sheet
[ISD/SC]
Identified as Style 711 Seigelite. A strong, dense material impregnated with glue glycerine compound for sealing flanges handling gasoline, benzene oil, greases and hot or cold water. Widely used on automotive applications such as fuel pumps and oil filters. Temperature to 250F. At cold temperature readily handles pressures to 500 psi.
Specification Information:
Compliance with, and/or certification to, SAE-J90a, Type 3313B; ASTM-D-1170, Type P3313B, *can be furnished only when requested on purchase order and acknowledged by J-M.*

Plastibest Fiber
[AFD]
Grade designation No. 20 is a long open grade of fiber. It is a special, cleaned grade developed by J-M for use in certain applications, one of which is plastics reinforcement. Grade No. 30 is no longer available.

Plastic Cold Water Housing
[F&MD]
Designed to hold the rust and sediment cartridge, and the taste and odor cartridge. Used for potable water filtration for home and consumer applications.

Plastic Pipe
[PD]
See all PVC (Polyvinyl chloride) Pipes.

Plastiseal-F Compound
[ISD/SC]
Plastiseal-F is a water soluble compound for use on threaded pipe joints and with gaskets in flanged joints.

Poles for Luminaires
[HOLO]
J-M does not sell poles as a separate item but only in conjunction with luminaires. Available pole configurations are: round tapered aluminum; straight square aluminum; straight square steel; square tapered steel; round tapered steel; straight square wood.

Pouring Insulation (Canada)
[CPD]
Fiber glass loose insulation in bags containing 8-3/4 cubic feet of hand-poured coverage.
Specification Information:
Standard product complies with CSA Standard A101-1975 (Supplement No. 1 – 1977), Type II; CMHC Acceptance No. 6354. *If certification is required it must be requested on purchase order and acknowledged by J-M.*

Pouring Wool
[RPMD]
No longer available. Was a modulated fiber glass loose fill insulation.

Prefilter
[F&MD/SP]
Glass fiber paper discs of diameters from 10 mm to 293 mm and designed to cover the membrane filter thus extending the life of the membrane filter. They are available in 3 different filtration grades.

Pre-Insulated Pipe
[PD/CHAC]
See: **Thermopipe**.

Pre-Klad Insulation
[IPD/RP]
No longer manufactured. Was a prefabricated, refractory fiber insulation enclosed in foils or meshes.

PrePanel Insulation
[RPMD]
Unfaced fiber glass roll insulation specially designed for use in furred wall construction before applying paneling, pegboard, or wallboard. It is 1″ nominal thickness x 15″ wide in 100-foot rolls.

Prep-Scale **Chromosorb** Supports
[F&MD]
Grades available are **Chromosorb** A, P, W and G preparative grades for more modestly priced supports. Intended for use in large quantity where precisely sized and graded materials are not required. Grades are roughly 30/60 mesh; however, they contain quantities of both undersized and oversized particles as well as some dust. Prep-Scale **Chromosorb** supports should not be used for analytical work.

Pressure Vacuum Breaker Assembly Model 765
[ISD/ATB]
Designed to be installed under pressure for long periods of time without becoming inoperative making it possible to isolate an entire industrial (non-potable) or irrigation line from the potable system. This makes it unnecessary to protect each individual fixture and future connections may be added without separate protection. Designed for positive protection against back-siphonage only, and not back pressure, and incorporates one check valve and a vacuum relief in one assembly.
Specification Information:
Standard product complies with SBCC; IAPMO; USC-FCCC & HR; ASSE. *If certification is required it must be requested on purchase order and acknowledged by J-M.*

Pressure Vacuum Breaker Assembly Model 770
[ISD/ATB]
Designed to prevent backflow created by back siphonage only, and not back pressure. Suitable for installation under constant pressure for long periods of time. The 770 assemblies in sizes 2 1/2″, 3″, 4″, 6″ and 8″ include two clapper-type cast iron check valves with galvanized lining, bronze internal parts and soft rubber discs, two cast iron gate valves, a 770 Pressure Vacuum Breaker Head and test cocks for field testing. These assemblies use flanged valves and are shipped assembled.

Pressure Vacuum Breaker Assembly Model 775
[ISD/ATB]
Designed for the prevention of backflow of contamination into a potable water system due to a back-siphonage condition only and not back pressure. For installation under continuous pressure for long periods of time. The spring-loaded check valves utilize soft rubber discs for positive closure and a unique design which assures a very minimum of flow loss through the unit while still remaining compact in size. The check valves are spring-loaded to hold 1 psi in the direction of flow. Typical applications: lawn sprinkler system , cooling towers, laboratories, laundries, swimming pools, and industrial plants.
Specification Information:
Standard product complies with USC-FCCC & HR; ASSE; IAPMO; SBCC. *If certification is required it must be requested on purchase order and acknowledged by J-M.*

Pressure Vacuum Breaker Head Model 775
[ISD/ATB]
Designed for use with check valves ranging in size from 2-1.2" thru 10" for back siphonage only, and not back pressure. This vacuum breaker head is the air inlet element (or siphon breaker) which, when combined with approved check valves, completes the requirements for a pressure vacuum breaker assembly. Utilizes a unique design combining a light weight poppet assembly with a spring-loaded mechanism to assure positive opening of the air inlet. Can be used on either the **FEBCO** Model 770 or Model 775 Pressure Vacuum Breaker Assemblies. Typical applications: cooling towers, laboratories, laundries, and industrial plants.
Specification Information:
Standard product complies with USC-FCCC & HR; ASSE (cold water only); IAPMO; SBCC. *If certification is required it must be requested on purchase order and acknowledged by J-M.*

PRG **Butnbase** Base Sheet (Canada)
[CPD]
No longer manufactured. Was an asphalt-saturated, heavily coated glass fiber mat.

PRG Combination Sheet (Canada)
[CPD]
No longer manufactured. Was a combination of 15 lb. **GlasPly** base sheet and kraft paper.

PRG **DurOvent** Base Sheet (Canada)
[CPD]
No longer manufactured. Was an asphalt-saturated and coated glass fibermat perforated, and mineral surfaced one side.

Primisil Fillers
[INT]
Natural diatomaceous silica identified as **Primisil** KO 143 AT, KO 143 UF, and F 101.

Primisil Filter Aids
[INT]
Diatomite filter aids identified as: **Primisil** 141, 241, 502, 511, 602, 741, 802 and 1202.

Prismaflood Luminaire
[HOLO]
A high intensity discharge floodlighting luminaire utilizing an aluminum reflector and lens with separate ballast assembly. Mounted individually or on cages holding up to 28 luminaires. Used for general floodlighting and sportslighting for mounting up to 100 feet. Available with mercury 400W and 1000W lamps.
Specification Information:
Standard product complies with UL requirement. *If certification is required it must be requested on purchase order and acknowledged by J-M.*

Prismatect Finish for Luminaires
[HOLO]
A series of special finishes designed to provide corrosion protection. Applied as a precisely regulated coating and baked under controlled conditions. Once cured, **Prismatect** becomes inert and will not readily react chemically with other materials. Provides protection in conditions where equipment is exposed to all grades of chemicals or fumes, and for outdoor areas exposed to extreme salt atmospheres.

Prismatic Ceiling Panel
[HOLO/AC, INT]
No longer manufactured. Was a trademark for a sculptured ceiling panel.

Prismatite Luminaire
[HOLO]
An enclosed and gasketed surface or pendant two-lamp fluorescent fixture. Suitable in areas where protection from moisture and dust is required.
Specification Information:
Standard product complies with UL requirement. *If certification is required it must be requested on purchase order and acknowledged by J-M.*

Prismawrap Luminaire
[HOLO]
Surface mounted wrap-around **Controlens** units for 1, 2, 3 or 4 fluorescent lamps in 4' or 8' lengths for use in commercial interiors designed for wide spacing ratios.
Specification Information:
Standard product complies with UL requirement. *If certification is required it must be requested on purchase order and acknowledged by J-M.*

Prismpack II Luminaire
[HOLO]
Fixture is pendant, prismatic glass reflector with choice of light distribution for different mounting heights and applications for use with mercury, metal halide, and HPS lamps with integral ballast with choice of light distribution for numerous industrial applications.
Specification Information:
Standard product complies with UL requirement. *If certification is required it must be requested on purchase order and acknowledged by J-M.*

Profile Ceiling Panel
[HOLO/AC]
No longer manufactured. Was a trademark for a sculptured ceiling panel.

Pro/Mesium Asbestos Fiber Grade
[AFD]
No longer available. Was a special grade of asbestos fiber developed for certain applications.

Prototon Particle Counter
[F&MD]
No longer marketed. Made quantitative particle counts from any transparent bottle regardless of color.

Pump and Valve Packings
[ISD/SC]
Packings made from braided or twisted materials which are used as seals in pumps and valves. Available in styles:

CF1	CW3	VX1	S-271
CG1	CW4	C-6	C-344
CG2	CX1	C-10	C-350
CG3	PG1	C-18	C-351
CG4	RG1	C-33	S-360
CG5	VG1	C-166	S-392
CG6	VG2	C-182	S-393
CP1	VG3	C-182RH	S-395
CP2	VG4	C-240WPH	C-2008
CT1	VG6	C-245	C-2013
CT2	VT1	C-270	C-2024
CW1	VT2	C-271	3869
CW2			

P.V. Clay
[F&MD]
No longer marketed. Was a product of the hydrothermal alteration of intrusive rhyolite used on a reinforcing filler or extender.

PVC Class Water Pipe
[PD]
Also known as **The Blue Brute**, it is furnished in Classes 100, 150 and 200 for municipal water systems, fire lines and other critical services. Available in sizes 4, 6, 8, 10, and 12 inches with cast iron pipe outside diameters. The pipe has an integral bell with a locked-in rubber gasket.
Specification Information:
Standard product complies with ASTM-D-2241; AWWA-C-900; FIA; FM; ULC. *If certification is required it must be requested on purchase order and acknowledged by J-M.* Compliance with, and/or certification to, UL, *can be furnished only when requested on purchase order and acknowledged by J-M.*

PVC Gravity Sewer Pipe and Fittings
[PD]
Produced to ASTM-D-3034 SDR-35. Furnished for use in gravity sewer mains and building sewer lines. Produced in sizes 4, 6, 8, 10, 12 and 15 inches with a Standard Dimension Ratio of 35 with a minimum pipe stiffness of 46 PSI. The pipe has an integral bell with locked-in rubber rings. In Canada, identified as PVC Building Sewer Pipe and Fittings.
Specification Information:
Standard product complies with ASTM-D-3034, SDR-35; ASTM-D-3212; CSA B182.1M for 4" and 6". *If certification is required it must be requested on purchase order and acknowledged by J-M.*

PVC Pip• Irrigation Pipe
[PD]
Furnished for underground solid set mains and laterals, for sprinkler irrigation systems and tail water returns (pump back). Available in pressure ratings of 80 and 100 PSI and in sizes 6, 8, 10, and 12 inches with a 2:1 safety factor.
Specification Information:
Standard product complies with SCS-430-EE. *If certification is required it must be requested on purchase order and acknowledged by J-M.*

PVC Pressure Pipe and Fittings
[PD]
Furnished for use in rural water, agricultural and turf irrigation pipe systems. Available with a safety factor of 2:1 in pressure ratings of 125, 160 and 200 PSI and in sizes 1-1/2, 2, 2-1/2, 3, 4, 5, 6, 8, 10 and 12 inches. The pipe has an integral bell with locked-in rubber gasket.
Specification Information:
Standard product complies with ASTM-D-2241; ASTM-D-1784; CSA B137.3. *If certification is required it must be requested on purchase order and acknowledged by J-M.*

PVC **Ring-Tite** Plastic Municipal Stub Sewer (Canada)
[CPD]
Municipal Stub Sewer Pipe is a PVC Sewer Pipe with a thicker wall (SDR 28) than the PVC Sewer Pipe used on private property connections, to provide a greater degree of safety in the area where deeper burials and a minimum of inspection is common. Furnished in 13 ft. lengths, in nominal sizes 4, 5 and 6 inches. Fittings are available for most sizes.
Specification Information:
Compliance with, and/or certification to, CSA B182.1-M for 4" and 6", *subject to possible exception(s), can be furnished only when requested on purchase order and acknowledged by J-M.*

PVC Siding
[RPMD]
Generic term used to describe J-M's Solid Vinyl Siding.

PVC

PVC Solvent Weld Pipe and Fittings

[PD]
Furnished for conveying rural and irrigation water in pressure ratings of 160 and 200 PSI, in sizes of 1/2, 3/4, 1, 1-1/4 inches.
Specification Information:
Standard product complies with ASTM-D-1784. *If certification is required it must be requested on purchase order and acknowledged by J-M.*

PVC Telephone Conduit and Fittings

[PD]
PVC Telephone Conduit with solvent cement bell is furnished for use in carrying telephone cables. Type "B" Duct is designed for concrete encasement. Type "C" Duct is designed for direct burial in the earth. Available in 4" size only.
Specification Information:
Standard product complies with AT&T AT-8546. *If certification is required it must be requested on purchase order and acknowledged by J-M.*

Q

Q-Felt Insulation
[IPD/IS]
A high-temperature glass fiber insulation furnished in flexible felts. Composed of 98% pure silica. Primarily used in aerospace applications where space and weight considerations are paramount. For temperatures to 1800F.

Q-Fiber Bulk Insulation
[IPD/IS]
A high-temperature glass fiber insulation furnished in bulk form. Composed of 98% pure silica. Primarily used in aerospace applications where space and weight considerations are paramount. For temperatures to 1800F.

Quadrette Ceiling Panels
[HOLO/AC]
No longer manufactured. Were felted, mineral fiber ceiling panels.

Quadro Architectural Panel
[BSD/ICP]
No longer manufactured. Was a mineral fiber cement panel.

Quartic Ceiling Tile (Canada)
[CPD]
No longer manufactured. Was a non-directionally fissured wood fiber ceiling tile and lay-in panel.

Quick Couplers, Irrigation
[ISD/ATB]
Brass construction, one-piece and two-piece Quick Couplers are used in manual systems and quick-type connections for sprinklers and hose connections. Identified as: #3 and #30A for lawn and garden systems; #3, #4, #13 and #14 for turf systems.

R

Raffia Ceiling Tile (Canada)
[CPD]
No longer manufactured. Was a wood fiber ceiling tile in a polynesian design.

Railroad Brake Block, Disc Brake and Surfacing Material
[RFPC]
See **Cobra** products.

Rajah Packing
[ISD/SC]
J-M trademark for Style C-6 Pump and Valve Packing.

Rampart Fiber Glass Shingle
[RPMD]
A distinctive no-cut-out design and random edge line with the **Seal-O-Matic.** Available in various color blends. Approximate weight per square is 225 pounds.
Specification Information:
Compliance with, and/or certification to, SS-S-294, Int. Amd. 1, Type I; SS-S-001534, Class A, Type I; ASTM-D-3018; ASTM-D-3161; ASTM-D-3462; ASTM-E-108, NAVFAC TS-07310, *subject to possible exception(s), can be furnished only when requested on purchase order and acknowledged by J-M.* Standard product complies with UL Class A Fire Resistance Rating and UL Standards for wind resistance. *If certification is required it must be requested on purchase order and acknowledged by J-M.*

Ranch Design Shingle
[RPMD]
No longer manufactured. Was a mineral fiber roof shingle.

Range **Spin-Glas**
[IPD/IS]
A lightweight off-white thermal blanket. It is composed of fine rotary process borosilicate glass fibers bonded with a special thermosetting phenolic type resin. Specifically developed for use in insulating all types of household ovens (self-cleaning, continuous cleaning and standard types) at a hot face temperature not in excess of 1000F. Available in a wide variety of sizes in both batts and rolls. Generally sold to range manufacturers.

RASL Luminaire
[HOLO]
An outdoor, rectangular architectural site light with unique internal prismatic glass reflector. Lamps up to 400W HPS. Pole mounted singly or in clusters.
Specification Information:
Standard product complies with UL requirement. *If certification is required it must be requested on purchase order and acknowledged by J-M.*

Recessed Fluorescent Luminaire
[HOLO]
Static or air handling recessed units are 1x4, 2x2 and 2x4 fluorescent luminaires with choice of the number of lamps, door frames, mounting styles and **Controlens** for use in commercial interiors.
Specification Information:
Standard product complies with UL requirement. *If certification is required it must be requested on purchase order and acknowledged by J-M.*

Red Rubber Sheet
[ISD/SC]
Identified as Style 107. Made from special heat-resistant SBR rubber compound. Has a fine cloth imprint finish. Used for general service, it is suitable for medium pressure hydraulic applications such as hot and cold water, air and saturated steam. Temperature to 180F.
Specification Information:
Compliance with, and/or certification to, ASTM-D-1330, Classes I and II; ASTM-D-2000, Class AA805, *can be furnished only when requested on purchase order and acknowledged by J-M.*

Reduced Pressure Backflow Preventer Model 825
[ISD/ATB]
Designed to positively prevent contamination of water lines due to pressure reversal for back siphonage or back pressure. Accomplished by automatically reducing the pressure through the unit by means of the "reduced pressure principle". However, it is not a pressure-reducing valve. Consists of two "y" pattern spring-loaded check valves, a differential pressure relief valve, and test cocks for field testing. Typical applications: water service to industrial plants, lawn sprinkler systems, water service lines to high rise buildings, service to steam boilers with connection to toxic substances, and chemical plants, hospitals, medical buildings, mortuaries and morgues.
Specification Information:
Standard product complies with ASSE except 10"; IAPMO; SBCC; AWWA-C-506; USC-FCCC & HR expect 10" (approval on 10" expected June 1978); Sizes 3" thru 10" UL listed. *If certification is required it must be requested on purchase order and acknowledged by J-M.*

Reduced Pressure Backflow Preventer Model 835
[ISD/ATB]
Designed to positively prevent contamination of water lines due to flow reversal, either back pressure or back siphonage. Accomplished by automatically reducing the pressure through the unit by means of the "reduced pressure principle". However, it is not a pressure-reducing valve. Manufactured in sizes 3/4" through 2", all bronze, and are of the screwed type.
Specification Information:
Standard product complies with AWWA-C-506; ASSE; IAPMO. *If certification is required it must be requested on purchase order and acknowledged by J-M.*

Reflective Insulation
[IPD/IS]
No longer manufactured. Was made from stainless steel designed specifically for Nuclear Power Plant applications.

Refractopack Luminaire
[HOLO]
A rugged area lighting luminaire with enclosed refractor and hinged door with choice of light distribution and mounting heights for 250 to 400W HPS, mercury and metal halide lamps with integral ballasts. Available with top entry or side (bracket) entry for wall or pole installation.
Specification Information:
Standard product complies with UL requirement *If certification is required it must be requested on purchase order and acknowledged by J-M.*

Refractory Accessories
[IPD/RP]
See: Cement 508; **Cera-Kote** Cement; **Cera-Preg** Rigidizer; Refractory Fiber Furnace Lining Hardware.

Refractory Fiber, Boards, Custom-formed Shapes, and Combustion Chambers
[IPD/RP]
See: **Cerachrome** Skid and Support Pipe Insulation; **Cerachrome** Wet Felt; **Cerad** Insulation; **Cerafelt** Combustion Chamber Kit; **Cera Form** Boards; **Cera Form** Combustion Chambers; **Cera Form** Combustion Chamber Kit; **Cera Form** Special Shapes; **Cerapak**; **Ris-A-Sleeve** Riser Sleeves; Tap-Hole Cones.

Refractory Fiber, Bulk, Blanket and Felt
[IPD/RP]
See: **Cerablanket** Insulation; **Cerachrome** Bulk Fiber; **Cerachrome** Felt Insulation; **Cerafelt** Refractory Fiber Felt; **Cerafiber** Bulk Fiber; **Cerawool** Blanket; **Cerawool** Bulk Fiber.

Refractory Fiber Furnace Lining Hardware
[IPD/RP]
Ceramic and metallic anchors to hold refractory furnace linings in place. Variety of lengths, temperature ratings. Suitable for stud gun welding, have self-locking fasteners.

Refractory Insulating Products
[IPD/RP]
For the most complete line of Insulating Refractory Products, see: Refractory Fibers — Bulk, Blanket and Felt; Refractory Fibers — Boards Custom-formed Shapes, and Combustion Chambers; **Superex** Block Insulation; Insulating Fire Brick; Castables and Gunning Mixes; **Firelite** Insulating Aggregates; **Sil-O-Cel** Insulating Powder; Mortars, Refractory; Structural Insulating Panels; **Transite** Core Plates; **Cerafiber** Paper; Asbestos Paper; Asbestos Rollboard; Millboard; **Z-Blok** Refractory Fiber Modules; Refractory Accessories.

Regal II Seal-O-Matic Shingle
[RPMD]
No longer manufactured. Was an asphalt roof shingle.

Regal Roof Coating
[RPMD]
An asphalt-solvent blend used as a maintenance coating on asphalt smooth-surfaced roofs. It is a high quality blown asphalt and sufficient solvent to produce a satisfactory brushing consistency.
Specification Information:
Compliance with, and/or certification to, NY Fire Dept. Certificate of Approval 2224, UL, *can be furnished only when requested on purchase order and acknowledged by J-M.*

Reinforcements, Fiber Glass
[F&MD]
Products used in the reinforcement of plastic, paper and gypsum board. See: **Chop-Pak** Fiber Glass Reinforcements; Chopped Strands, Fiber Glass; Rovings, Fiber Glass.

Reinsul Insulation
[RPMD]
No longer manufactured. Was an unfaced fiber glass insulation with R-11 and R-14 value.

Rentone Architectural Panels
[BSD/ICP]
Smooth surfaced mineral fiber cement panels for both exteriors and interiors. Sold to the metal building market under tradename **Accentua**. Available in 1/4″ and 1/8″ nominal thicknesses, in sheet sizes 4′ x 8′, 4′ x 10′ and 4′ x 12′, in colors Light Tan, Smoke and White.

Resistan Oil Seal and Hydraulic Packing
[ISD/SC]
Resistan is J-M's trademark for Viton*. It is available for oil seal (Style H5/L16) or hydraulic packing (Styles 470 and 472). Material is designed for handling static, dynamic rotary, and reciprocating motion shafts where resistance to severe fuels, chemicals, solvents, and high temperature is required. Handles service temperatures to 500F and is available from many standard line production tooling. (*Du Pont T.M.)

Revestduto Insulation
[INT]
A fiber glass duct wrap insulation.

Rigid-Roll Insulation
[BSD/PEBS]
A glass fiber board rolled into a package. Used in metal building construction, **Rigid-Roll** Insulation rolls out to board form on the job for faster roof and wall installation. Available Vinyl Faced or FSK (Foil-Scrim-Kraft) Faced, in thermal resistance values of R-5 (approximately 1-1/2″ thick), R-8 (approximately 2″ thick), and R-10 (approximately 2-1/2″ thick).

Ring-Tite
[PD]
J-M trademark for its rubber ring joint used with **Transite**, PVC and **Permastran** Pipes.

Ring-Tite Pipe Lubricant
[PD]
For use with all **Transite**, PVC and **Permastran** Pipes. **Ring-Tite** Lubricant has been tested and approved for use in potable water service.

Ris-A-Sleeve Riser Sleeves
[IPD/RP]
Ris-A-Sleeve brand riser sleeves are manufactured from refractory fibers by the **Cera Form** vacuum molded process. Designed to contain heat in a molten metal riser. They do not contain exothermic materials nor give off large volumes of noxious gases. Available in Medium or Heavy grades.

Rock Shield Board
[ISD/PP]
A standard fiber glass asphalt mastic board. An added shielding for pipelines running through rocky and unusually rugged terrain. 1/8, 3/16, 1/4 inches thick is available in several widths and lengths. **Rock Shield** Tape available for securing **Rock Shield** to pipe.
Specification Information:
Standard product complies with NACE. *If certification is required it must be requested on purchase order and acknowledged by J-M.*

Rock Shield Tape
[ISD/PP]
A fiber glass reinforced pressure-sensitive tape used to secure J-M **Rock Shield** Board.

Rod Wiper Types P and H
[ISD/SC]
Used in cylinder rod applications to exclude foreign matter. They are designed for shallow cavity installations and are also available as a snap-in design type such as used in rod scraper service.

Roll Roofings, Residential
[RPMD]
Fiber Glass and asphalt roll roofings are generally used for repairs or new construction of residential housing. See: Asphalt Saturated Felt, No. 15 and No. 30; **Blak-Kap Duplex** Roofing; **Kolor-Kap II Duplex** Roofing; Pilot Roofing; Service Roofing; Shake Underlay Felt; **Slatekote Duplex** Roofing; **Slatekote** Roll Roofing; Smooth **Duplex** Roofing.

Roof and Foundation Coating
[RPMD]
A heavy-bodied coating made of asphalt and asbestos fiber. Applied cold, it is used for general roof maintenance and to protect below-grade foundations against sub-soil moisture.
Specification Information:
Compliance with, and/or certification to, SS-A-694D; TS-07310; NY Fire Dept. C of A 2224; *subject to possible exception(s), can be furnished only when requested on purchase order and acknowledged by J-M.*

Roof Coatings and Cements, Residential
[RPMD]
Asphalt based roof adhesives and cements are generally used for residential housing. See: **Aquapatch** Cement; Black Plastic Cement; **Duplex** Cement; **Kolor-Kap** Cement; Lap Cement; **Regal** Roof Coating; Roof and Foundation Coating; Shingle Tab Cement.

Roof Insulation, Built-Up Roofing Systems
[BSD/ICP]
See: **Fesco** Board; **Fesco-Foam**; **Fesco Dri-Deck** System.

Roof Vent
[BSD/ICP]
See: **Flex-I-Drain** Flexible Roof Drain.

Roofing Shingles
[RPMD]
See: Asphalt Shingles; Fiber Glass Shingles; **Seal-O-Matic** Shingles.

Rope Packings
[ISD/SC]
Rope that is formed by braiding or twisting asbestos, fiber glass, or refractory fiber, and used as caulking or sealing in operating temperatures from 550F to 2700F. Available in styles:

Asbestos
195-Wick
274-Cord
276-Cord
285-Cord
487-Cord
TP-500-Twisted Rope
535-C-Wick
566-Braided Rope
580-Braided Rope
581-Braided Rope
702-Braided Rope
733-Braided Rope
787-Braided Rope
788-Braided Rope

Asbestos
857-Braided Rope
869-Braided Rope
873-Braided Rope
TP-1000-Twisted Rope
4180-Wick
4185-Twisted Rope
4186-Twisted Rope
4196-Twisted Rope
4197-Wick
4198-Wick
4199-Wick
4210-Twisted Rope
4211-Twisted Rope

Glass
TP-770

Refractory
TP-2300
TP-2700

Rosin Sized Sheathing, No. 20
[RPMD]
No longer manufactured. Was a 20 lb. red sheathing paper used over wood decks under roll roofing.

Round **PAL** Luminaire
[HOLO]
Positive automatic latching with round recessed lensed fixtures for use in offices, stores and institutions. Integrally ballasted units for mercury, metal halide and high pressure sodium lamps and units for incandescent lamps.
Specification Information:
Standard product complies with UL requirement. *If certification is required it must be requested on purchase order and acknowledged by J-M.*

Rovings, Fiber Glass
[F&MD]
J-M Rovings are Fiber Glass Rovings in multiple end, continuous filament. Used primarily in sheet molding compounds and preformed molding applications. Available in a variety of sizes and hardnesses. Types available are: 407FX; 417Y; 417X; 752E; 279E.

Royal Rock-Shakes Siding
[RPMD]
No longer available. Was an asbestos-cement sidewall siding.

RSL 350 Luminaire
[HOLO]
Residential Street Lights are efficient **Postop** mounted luminaires for covered walkways, residential streets, and commercial outdoor applications with prismatic refractors for wide spacings with 70 to 150W HPS, 100 to 250W mercury and metal halide lamps and integral ballasts.

Rubber Diaphragm Sheet
[ISD/SC]
Identified as Style 115. Contains an SBR rubber compound with cotton duck insertion. Offers maximum resistance to air, water, and steam. Not recommended for oil. Temperature to 180F.
Specification Information:
Compliance with, and/or certification to, MIL-R-3065C, Class RS-615, *can be furnished only when requested on purchase order and acknowledged by J-M.*

Rustic **Rampart** Fiber Glass Shingle
[RPMD]
A distinctive random edge, three-tab design, with the **Seal-O-Matic** feature, produces a roof with an interestingly rugged appearance. Available in various color blends. Approximate weight per square is 225 pounds. Available 1/1/79.
Specification Information:
Compliance with, and/or certification to, SS-S-294, Int. Amd. 1, Type I; SS-S-001534 Class A Type I; ASTM-D-3018; ASTM-D-3161; ASTM-D-3462; ASTM-E-108; NAVFAC TS-07310, *subject to possible exception(s), can be furnished only when requested on purchase order and acknowledged by J-M.*
Standard product complies with UL Class A Fire Resistance Rating and UL Standards for wind resistance. *If certification is required it must be requested on purchase order and acknowledged by J-M.*

Rustikal Siding
[INT]
An asbestos-cement siding made in Belgium.

S

Santone Architectural Panels
[BSD/ICP]
Heavy textured, mineral fiber cement panels for both exteriors and interiors. Sold to the metal building market under tradename **Stipple**. Available in 1/4" nominal thickness, in 4' x 8', 4' x 10' and 4' x 11' 6" sheets in colors Light Tan, Smoke and White. Also in a 5/8" nominal thickness is 4' x 8' sheets in colors Desert Tan, Warm White, Taupe, Smoke and Stone Gray.

Schuller Mat
[INT]
See **Microlith** Mat.

Scientific Products
[F&MD/SP]
A group within the Filtration and Minerals Division dealing with membrane filtration. Membrane filters are that classification of filters consisting of thin, precise, pore-size polymeric media used for the final purification on many critical solutions such as parenterals, biologicals, tissue culture media, clinical fluids and wines. See: **Membra-Fil** Membrane Filter; **Filinert** Membrane Filter; **One-Sevener** Filter Holder; High Volume Filter Holder; Support Plate; Support Screen; Conversion Assembly; Prefilter; Separator.

Sculptured Fiber Glass Ceiling Panels
[HOLO/AC]
No longer manufactured. Were three-dimensional units made of compressed heat molded glass fibers with a white paint finish.

Sea Ring Packing
[ISD/SC]
A lip-type, compound/fabric molded packing requiring external compression to set under pressure service. A wide range of set packing sizes are available and they can be furnished endless (molded size) or split. Primarily used in rod plunger packing applications.
Specification Information:
Compliance with, and/or certification to, MIL-P-2911A, Type II, for 405 **Sea Ring**, *can be furnished only when requested on purchase order and acknowledged by J-M.*

Sealbar Ream Wrap
[HAM]
Heat sealable, coated, approximately 60#/ream (3MSF), moisture and moisture vapor resistant. Available in rolls up to 60" wide x 60" diameter. The paper is furnished colored or tinted, and can be printed one color by gravure process. Used for hand and automatic wrapping of reams of business paper.

Sealing Compounds
[ISD/SC]
See **Duxseal**. See **Plastiseal-F** for gaskets.

Seal-O-Matic Shingles
[RPMD]
Fiber glass and asphalt strip shingles with a discontinuous strip of petroleum resin adhesive that seals the shingle down automatically after adequate exposure to the sun's heat. See: Asphalt Shingles; Fiber Glass Shingles.

Seigelite Sheet
[ISD/SC]
J-M trademark for Style 711 Plant Fiber Sheet.

Separator
[F&MD/SP]
A non-woven polyester disc, 265 mm diameter, used between 293 mm membranes for the purpose of increasing their effective filtration areas in serial filtration techniques.

Series 3000 Luminaire
[HOLO]
Recessed aluminum reflector, open lighting fixtures with 242 metal mounting pans for use in offices, stores and institutions. Integrally ballasted units for mercury, metal halide or high pressure sodium lamps.
Specification Information:
Standard product complies with UL requirement. *If certification is required it must be requested on purchase order and acknowledged by J-M.*

Series 5000 Luminaire
[HOLO]
Recessed, glass reflector, open lighting fixture with choice of 2 x 2 recessed flat pan or baffle trim, louver guard or wire guard, for use in offices, stores and institutions. Integrally ballasted units for mercury and metal halide lamps.
Specification Information:
Standard product complies with UL requirement. *If certification is required it must be requested on purchase order and acknowledged by J-M.*

Service Board
[RPMD]
No longer manufactured. Was an insulating board made from wood fibers.

Service Roofing
[RPMD]
A smooth-surfaced asphalt roll roofing 36" wide. Designed for medium duty.
Specification Information:
Compliance with, and/or certification to, SS-R-501D, Int. Amd. 2, Type I; ASTM-D-2626, Type I, *subject to possible exception(s), can be furnished only when requested on purchase order and acknowledged by J-M.*

Sewer Pipe
[PD]
See: **Transite** Non-Pressure Sewer Pipe; **Transite** Non-Pressure Small Diameter Sewer Pipe; **Transite** Pressure Pipe; PVC Gravity Sewer Pipe; **Permastran** Pipe.

SG (Spun Glass) Fibers
[F&MD]
A paper reinforcement made from rotary processed borosilicate glass fiber having an average fiber diameter of 3.5 microns. SG Fibers have a small percentage (less than 0.5%) of ethylene glycol on the surface that is used in the production of the product. Ethylene glycol is completely soluble in water and will release.

Shadowood Architectural Panels
[BSD/PEBS]
Deeply textured, mineral fiber cement panels. Used in the metal building market. See **Splitwood** II Architectural Panels.

Shake Underlay Felt, No. 30
[RPMD]
No. 30 Shake Underlay Felt is No. 30 Asphalt Saturated Felt unperforated 18″ wide.

Sheathing Products
[RPMD, HOLO/AC]
No longer manufactured. Were identified as: Building Board; **Service** Board; **Soundlke** Board; **Weatherbrace** and **Weathertite** Sheathings.

Sheet Packings
[ISD/SC]
Sheet materials furnished to gasket cutters. See Sheets identified as: Asbestos TFE; Black Oil-Proof Rubber; Black Rubber; Cloth-Inserted Rubber; Compressed Asbestos; Felted Asbestos; Firewall; Grafoil*; Natural Rubber; Neoprene Diaphragm; Neoprene Rubber; Nitrile Rubber; Plant Fiber; Red Rubber; Rubber Diaphragm; Woven Asbestos. (*Union Carbide trademark)

Shingle Tab Cement
[RPMD]
A high-quality, quick-setting cement reinforced with asbestos fibers for cementing tabs of asphalt shingles to prevent blow-up during high winds.

Shrink and Stretch Films
No longer manufactured. Were polyethylene films for bundling and unitizing pallet loads.

Shutters, Cape Cod
[RPMD]
High-density, molded polystyrene shutters with authentic open louvers. Especially compatible with J-M **Driftgrain** vinyl siding. Offered in six colors, 15″ wide, in lengths from 36″ to 80″.

Side Cowl Insulator (Splash Shields)
[IPD/RP]
A molded fiber glass side cowl insulator which significantly reduces the transmission of road and engine noise into the passenger compartment of vehicles. The clip-fastened insulator is self-supporting and molded to precise fender and cowl contours.

Sign-**Lensafe** Luminaire
[HOLO]
New concept in fluorescent exit signs combines three functions with one luminaire: exit sign, security lighting for hallways and stairs, and emergency lighting. Provides three hours of emergency lighting. Available single-face, wall-mounted, and double-face, ceiling-mounted.
Specification Information:
Standard product complies with UL requirement. *If certification is required it must be requested on purchase order and acknowledged by J-M.*

Sill Sealer
[RPMD]
Sill Sealer is a fiber glass blanket designed for use as an air and dust seal between masonry foundation and sill plate. Available in 1″ thickness, 3-5/8″ and 6″ wide in 50 foot lengths.

Sil-O-Cel Insulating Powder
[IPD/RP]
A finely ground diatomaceous silica, it is used as a dry fill or mixed with calcium aluminate or Portland cement to form a refractory concrete. Temperature to 1500F. Typical uses include as a loose fill for back-up insulation to all types of refractories in walls and roofs and as a hot topping compound for insulating the top of foundry risers and steel ingot hot tops.

Silver Frost K-5 Filler
[F&MD]
A grade of **Celite** for use as an anti-blocking agent in polyethylene and other plastic films. As a functional filler, it is characterized by great bulk per unit weight, high absorptive capacity, chemical inertness and unique diatom structure. It is white in color.

Sinbad Packing
[ISD/SC]
J-M trademark for Style CW-4 Pump and Valve Packing.

Skyscape Luminaire
[HOLO]
A series of architecturally designed luminaire shapes enclosing the 1100 Series HMS luminaire. Geometric shapes available include the sphere, cube, rectangle, hexagon and cylinder. Mounting arrangements can be designed to correspond with architectural requirements, in heights from 30 through 60 feet.
Specification Information:
Standard product complies with UL requirement. *If certification is required it must be requested on purchase order and acknowledged by J-M.*

Slatekote Duplex Roofing
[RPMD]
An asphalt roll roofing with surface coating of colored mineral granules on one side; furnished in several colors with a 19" coated edge, two-ply application. Used with **Duplex** Cement. Weight approximately 65 lbs. per roll. Standard is 36" wide x 36' long.
Specification Information:
Compliance with, and/or certification to, SS-R-630D, Int. Amd. 2, Class IV; ASTM-E-108, *subject to possible exception(s), can be furnished only when requested on purchase order and acknowledged by J-M.* Compliance with, and/or certification to, UL, *can be furnished only when requested on purchase order and acknowledged by J-M.*

Slatekote Roll Roofing
[RPMD]
An asphalt roll roofing with surface coating of colored mineral granules on one side, furnished in several colors. Weight approximately 90 lbs. per square. Available with 2" selvage edge, 4" selvage edge, or no selvage edge. 9" **Slatekote** Starter Strips are 9" x 36', no color choice. 18" **Slatekote** used for starter course and valley liner.
Specification Information:
Compliance with, and/or certification to, SS-R-630D, Int. Amd. 2, Class I; ASTM-D-249; ASTM-E-108, *subject to possible exception(s), can be furnished only when requested on purchase order and acknowledged by J-M.*

Slinger and Excluder
[ISD/SC]
Types SSW Excluder and DS Slinger can be used in conjunction with general purpose seal applications. Type SSW Excluder mounts and seals on the exterior side of the housing to exclude foreign matter. Type DS Slinger is used ahead of the general purpose seal as a deflector to generate a fluid pressure break.

Slip Joint Tool
[IPD/IS]
Available as an accessory item for **Micro-Aire** Rigid Round Duct. Specifically designed for field cut male/female joints.

Sliptite Oil Seal
[ISD/SC]
The **Sliptite** (Teflon*-Rubber) Seal was specifically developed for severe service. Has a single lip element that combines low friction properties of Teflon* with the flexibility and durability of rubber. It is sealed into an outer metal case and engineered for intermittent pressure service up to 10 psi. (*Du Pont T.M.).

Sliver
[INT, ISD/FGSM]
Sliver is a non-continuous glass fiber strand. Used as continuous reinforcing in mats, filter cartridges, wrapping battery plates and for decorative woven products. Sliver is available as Staple Fiber and Twisted Yarn.

Small **Postop** Luminaire
[HOLO]
Enclosed and gasketed round luminaire with asymmetric light distribution. Available with 150W and 200W incandescent and 100W mercury lamps with remote ballast. Used as outdoor lighting.
Specification Information:
Standard product complies with UL requirement. *If certification is required it must be requested on purchase order and acknowledged by J-M.*

Smooth **Duplex** Roofing
[RPMD]
An asphalt roll roofing 36" wide with 19" lap for double coverage protection; applied with **Duplex** Cement, brushed on cold. Weight approximately 50 lbs. for 1/2 square roll.
Specification Information:
Compliance with, and/or certification to, SS-R-501D, Int. Amd. 2, Type I; ASTM-D-2626, Type I, *subject to possible exception(s), can be furnished only when requested on purchase order and acknowledged by J-M.*

Snap-In Curtain Wall System
[BSD/ICP]
The Snap-In Curtain Wall System, used in conjunction with 1-9/16" thick J-M Laminated Panels, **Transitop**, **Transifoam** and **Thermocore**, forms a complete and easily installed curtain wall system. Snap-In aluminum components available through H.L. Birum Corp., Lambertville, N.J.

Snow Floss Filler
[F&MD]
Specially processed from diatomaceous silica. As a functional mineral filler, it is characterized by great bulk per unit weight, high absorptive capacity, chemical inertness, and unique diatom structure. It is grey in color.

Soil Pipe (Canada)
[CPD]
A **Transite** Pipe for use inside building foundations above and below the floor. It is a non-metallic, corrosion-resistant, permanent drain system for homes and commercial or industrial buildings. Available in sizes 3 to 24 inch diameters; fittings (adaptors, wyes, tees, elbows and reducers) are available for most sizes.
Specification Information:
Standard product complies with CSA B127.1-M; CGSB 34-GP-22M, Type I for 8" to 24", Type II for 3" to 24". *If certification is required it must be requested on purchase order and acknowledged by J-M.*

Solid Vinyl Siding
[RPMD]
An exterior siding available in three different configurations, 8″ horizontal, double 4″ horizontal, and 10″ vertical. Available in three finishes – **Driftgrain**, a wood grain textured finish, Smooth, and Sand. Colors are white, green, yellow, gold, gray and buckskin. Solid Vinyl Siding is lightweight, easy to clean and installed quickly.
Specification Information:
Standard product complies with NBS Voluntary Products Standard PS-55-72; FHA Materials Release No. 893; ICBO Report No. 3134P. *If certification is required it must be requested on purchase order and acknowledged by J-M.*

Sonite Insulation
[IPD/IS]
A special insulation with unique properties used as underwater sound insulation.

Sorbo-Cel Filter Aid
[F&MD]
A specially treated **Celite** diatomite specifically designed for the removal of emulsified oil from various aqueous streams. **Sorbo-Cel** Filter Aid filtration is a continuous process that does not require control of pH or the addition of other chemicals. Can be used to treat water-containing oil from pumps, condensers, cleaning of machines, condensate, and many other processes. Also available as Precoat **Sorbo-Cel** Filter Aid which contains approximately 10% cellulose fiber.

Sound Absorbing Element No. 61 (Canada)
[CPD]
No longer manufactured. Was a sound control blanket.

Sound Control Batts
[RPMD, HOLO/AC]
Unfaced fiber glass blankets for use in gypsum-faced metal stud walls for upgrading the sound transmission class of the partition. Sizes 2-3/4″ and 4″ thick and 16-1/8″ and 24-1/8″ wide, in 96″ lengths.
Specification Information:
Compliance with, and/or certification to, HH-I-521E, Type I, *subject to possible exception(s), can be furnished only when requested on purchase order and acknowledged by J-M.*

Soundike Board
[RPMD, HOLO/AC]
No longer manufactured. Was a wood fiber board used for sound control in walls and floors.

SpanAcoustic Ceiling Panels
[HOLO/AC]
No longer manufactured. Were lightweight, vinyl faced, glass fiber ceiling panels.

Special Coated Asbestos Base Felt
[BSD/ICP]
Formerly called #55 Asbestos Base Felt, it is heavier than regular base felt and is both saturated and coated. Available on the West Coast Only.
Specification Information:
Compliance with, and/or certification to, TS-07510, *subject to possible exception(s), can be furnished only when requested on purchase order and acknowledged by J-M.*

Special Long Fiber Asbestos Paper
[IPD/RP, IPD/IS]
A high quality paper, uniform throughout, for use as diaphragms in electolytic cells.

Speed-Insul Insulation Panel (Canada)
[CPD]
No longer manufactured. Was an insulation panel of aluminum sheet factory applied to **Spin-Glas.**

Spincoustic Blanket (Canada)
[CPD]
No longer manufactured. Was a semi-rigid mineral fiber sound absorbent blanket.

Spin-Glas Equipment Insulation
[IPD/IS]
An efficient thermal and acoustical blanket made from rotary process glass fibers bonded with a thermosetting resin. Specifically developed for freezers, refrigerators and other low and medium temperature appliances operating to 350F. Available in rolls, flat and folded batts and fabricated parts in various widths and lengths. Identified as SG-22, SG-23, SG-24, SG-25, SG-26 and SG-28.
Specification Information:
Compliance with, and/or certification to, UL, *can be furnished only when requested on purchase order and acknowledged by J-M.*

Spin-Glas 800 Series Flexible and Non-Flexible Blankets
[IPD/IS, BSD/PEBS]
Manufactured from rotary process glass fibers bonded by a thermosetting resin. Can be used in Plain form for heating ducts or with faced surfaces, FSK (Foil-Scrim-Kraft) or AP (All-Purpose), for below ambient applications. Ideal for commercial and industrial heating, air-conditioning, power and process equipment. Also used by metal building manufacturers in the construction of insulated panels. Types 812 Plain available in roll form. Type 812 Faced, Types 814, 815, and 817 available in 24″ x 48″ sheet. Non-standard sizes available upon request. Temperature limits: Type 812, 350F; Types 814, 815 and 817, 450F Unfaced, 350F Faced.
Specification Information:
Compliance with, and/or certification to, HH-I-558B, Amd. 2, Form A, Class 1 for Types 812, 814, 815, 817; Form A, Class 2 for Types 814, 815, 817; Form B, Class 6 for Type 812; Form B, Class 7 for Type 814, *subject to possible exception(s), can be furnished only when requested on purchase order and acknowledged by J-M.* Standard product complies with CGSB 51-GP-10M. *If certification is required it must be requested on purchase order and acknowledged by J-M.*

Spin-Glas 800 Series Semi-Rigid Board Wall Insulation
[IPD/IS]
A semi-rigid board made from rotary process glass fibers bonded with a thermosetting resin. Primarily used for insulating structural walls, cavities, or curtain walls. Available Plain or FSK laminate, is permanently treated rather than salt treated to assure permanent fire resistance and prevention of possible corrosion caused by salt. Available in several thicknesses and densities: Type 830 – 3.0 PCF, Type 840 – 4.25 PCF and Type 860 – 6.0 PCF. Standard size is 24″ x 48″; available in non-standard sizes upon request. Temperature limit of 450F for Unfaced Types, and 350F for Faced Types.
Specification Information:
Compliance with, and/or certification to, HH-I-558B, Amd. 2, Form A, Class 2, *subject to possible exception(s), can be furnished only when requested on purchase order and acknowledged by J-M.*

Spin-Glas 1000 Series Blankets
[IPD/IS]
No longer manufactured. Were high temperature, felted, spun glass fiber blankets secured between outer facings of metal fabric.

Spin-Glas 1000 Series Board
[IPD/IS]
A semi-rigid board produced by a unique felting process that combines **Spin-Glas** fiber and controlled amounts of organic binder into an insulation with superior handling properties and insulating effectiveness at minimum costs. For insulating furnaces, boilers, heated vessels, ducts and tanks. Can be used only when properly held in place and supported with pins, studs or clips, and fully contained with metal mesh and/or finishing cement, sheet metal or other weatherproofing finish. Also available as Type 1001 **Spin-Glas** Filler, mechanically softened to blanket flexibility. Requires mesh-wire support or other type containment.
Specification Information:
Compliance with, and/or certification to, HH-I-558B, Amd. 2, Form A, Class 3, Form B, Classes 6 & 7; MIL-I-22023C; MIL-I-24244, Amd. 3, Type 16A and 16B, *subject to possible exception(s), can be furnished only when requested on purchase order and acknowledged by J-M.* Compliance with, and/or certification to, USCG 164.009/189/0, *can be furnished only when requested on purchase order and acknowledged by J-M.*

Spinsulation, Reverse Flange
[RPMD]
A fiber glass building insulation no longer manufactured. Replaced by Kraft-Faced Fiber Glass Building Insulation.

Spintone Ceiling Panels
[HOLO/AC]
No longer manufactured. Were felted mineral fiber lay-in panels, particularly suitable for use in high-rise offices with moveable ceiling-high partitioning systems.

Spirotallic Gaskets
[ISD/SC]
No longer manufactured by J-M. Contact The Condren Corporation, North Brunswick, New Jersey.

Split Design **Clipper** Oil Seal
[ISD/SC]
Used on shafts where the seal cannot pass over the shaft end, or where dismantling the unit would involve wasteful time and labor. Presized at the factory, precision cut. Identified as Types RUP, RPD and RPDT or 90X Series. Stainless steel springs are supplied for lip pressure control and ease of assembly.

Splitwood II Architectural Panels
[BSD/ICP]
Deeply textured, mineral fiber cement panels for both exteriors and interiors. Sold to the metal building market under tradename **Shadowood**. Available in 5/8″ nominal thickness in 4′ x 8′ sheets only, in colors Warm White, Desert Tan, Taupe, Smoke and Stone Gray. Available in 1/4″ nominal thickness in sheets 4′ x 8′, 4′ x 10′ and 4′ x 11′ 6″ in colors Light Tan, Smoke and White.

Sponge-It Absorbent
[F&MD]
No longer marketed. Was a naturally occurring powder effective for absorbing spills of oil, gasoline and water on highways and streets.

Sprinkler Heads, Agricultural Systems
[ISD/ATB]
Generally of all-brass construction – one model offered in a plastic construction. Radius of coverage ranges from 30 to 200 feet. Identified as: Series 160, 170, 171, 180, 190, 200, 865, 886, 890, 5910 Rocker Gun.

Sprinkler Heads, Lawn and Garden Systems
[ISD/ATB]
Generally furnished all-brass construction; some models of plastic construction. Offer coverage in the 40 foot radius range. Identified as: Spray Pop-Up 403; Rotary Pop-Up 2400; Stationary Spray 41, 402, 400ST, 122, Edger.

Sprinkler Heads, Turf Systems
[ISD/ATB]
Generally furnished all-brass construction; some models of plastic construction. Radius of coverage ranges from 36 feet to 128 feet. All are Rotary Pop-Up Models identified as: Impact Driven Series 1400, 8200, 8300, 8400, 8500, 8600, 8700; Cam Driven Series 1300, 1310, 1330, 1360.

Square **PAL** Luminaire
[HOLO]
Positive automatic latching with square recessed lensed fixture with choice of three distinctive lenses for use in offices, stores and institutions. Integrally ballasted units for mercury, metal halide and high pressure sodium lamps and units for incandescent lamps.
Specification Information:
Standard product complies with UL requirement. *If certification is required it must be requested on purchase order and acknowledged by J-M.*

Square **Postop** Luminaire
[HOLO]
A single, double, quadruple architecturally styled luminaire with square lighting distribution for lighting square or rectangular outdoor areas. Available 175W to 1000W mercury and metal halide, and 70W to 1000W HPS lamps with integral ballasts. Used extensively for parking lots and other small or large areas.
Specification Information:
Standard product complies with UL requirement. *If certification is required it must be requested on purchase order and acknowledged by J-M.*

SSL-18 Luminaire
[HOLO]
An architecturally designed street and area luminaire. Spherical Street Light consists of an 18" diameter aluminum upper hemisphere, and an acrylic or polycarbonate lower hemisphere. Interal refractor gives a choice of three IES distributions. Lamps to 250W mercury, 175W metal halide, and 150W HPS. May be pole mounted singly or in clusters, as well as wall mounted.
Specification Information:
Standard product complies with UL requirement. *If certification is required it must be requested on purchase order and acknowledged by J-M.*

Sta-Fit Insulation
[RPMD]
Was a J-M tradename for a Fiber Glass Building Insulation with no vapor barrier. Now identified as Un-Faced Fiber Glass Building Insulation.

Standard "A" Cup Packing
[ISD/SC]
Provides an effective method of sealing hydraulic or pneumatic cylinder. Available in compound/fabric and all-compound material styles depending on operating pressure conditions. The I.D. hole size can be adjusted to fit many rod piston diameters for each O.D. size.

Standard **Seal-O-Matic** Asphalt Shingles
[RPMD]
Three-tab, conventional asphalt shingles with the **Seal-O-Matic** feature. Approximate weight per square is 235 pounds. Available in several color blends.
Specification Information:
Compliance with, and/or certification to, SS-S-300B, Type III; SS-S-001534, Class C, Type I; ASTM-D-225; ASTM-E-108; NAVFAC TS-07310, *subject to possible exception(s), can be furnished only when requested on purchase order and acknowledged by J-M.* Standard product complies with UL Class C Fire Resistance Rating and UL Standards for wind resistance. *If certification is required it must be requested on purchase order and acknowledged by J-M.*

Standard **Super-Cel** Filter Aid
[F&MD]
Straight Calcined grade of **Celite** Diatomite Filter Aid. Used in filtration of alcoholic extracts, beer, cider, extracts, gelatin, glue, organic chemicals, pharmaceuticals, sugar, syrups, water treatment and yeast feeds. It is pink in color.

Steel Reinforced Outer Case Seal
[ISD/SC]
Clipper Oil Seal identified as Types ST-LUP and ST-LPD. Used in heavy duty steel mill roll neck bearing service. Steel bands offer greater retention in the bore.

Stevenson Coupling, Air-Vent Duct
[IPD/IS]
Used to join **Transite** Air-Vent Ducts in 4" through 36" sizes. A rubber sleeve is held in position over the joint by two straps. It assembles in a few minutes and is watertight.

Stipple Architectural Panels
[BSD/PEBS]
Heavy textured, mineral fiber cement panels used in the metal building market. See **Santone** Architectural Panels.

Stone Design Roll Siding
[RPMD]
No longer manufactured. Was an asphalt roll material with a design resembling stone.

Stonehenge Architectural Panels
[BSD/ICP]
Mineral fiber cement panels for both exteriors and interiors. Its surface is a split stone texture, similar to slate. Available in 5/8" nominal thickness, 4' x 8' only, in colors Warm White, Desert Tan, Taupe, Smoke and Stone Gray.

Storm Drain Pipe
[PD]
See **Transite** Storm Drain Pipe.

Stratalite (Canada)
[CPD]
No longer manufactured. Was a mineral fiber (overlapping) sidewall shingle.

Structo-Gard Board
[HOLO/AC]
No longer manufactured. Was a mineral fireproofing board for structural steel columns and beams.

Struct-O-Wall System
[BSD/ICP]
A wall system incorporating 5/8" and 1/4" J-M Architectural Panels fastened to steel frame with stainless steel fasteners, installed with fiber glass batts with interior finish of gypsum board.

Structural Insulating Panels
[IPD/RP]
See: **Marimet, Marinite** XL; **Molten Metal Marinite.**

Stud-Thik Insulation
[RPMD]
J-M identification of 3-1/2" thick R-13 Un-Faced Fiber Glass Building Insulations.
Specification Information:
Compliance with, and/or certification to, HH-I-521E, Type I, *subject to possible exception(s), can be furnished only when requested on purchase order and acknowledged by J-M.*

Substation Luminaire
[HOLO]
A round vertical bracket-mounted luminaire with prismatic glass refractor producing unique adjustable light distribution for lighting of disconnect switches and transformers in electric substations. Integral ballast for 70 to 400W HPS, 175 to 400W metal halide and mercury lamps.
Specification Information:
Standard product complies with UL requirement. *If certification is required it must be requested on purchase order and acknowledged by J-M.*

Super **Blakite** Refractory Mortar
[IPD/RP]
A wet, ready-mixed, air-setting refractory cement furnished in a stiff consistency for general plant use.

Superex Block Insulation
[IPD/RP]
Manufactured from selected combinations of silica, lime clays, and reinforcement fibers. Designed as back-up insulation for refractory constructions, they are characterized by very high hot and cold strengths and high refractoriness. **Superex** is not soluble in water. Available forms are **Superex** 1600 and **Superex** 2000 suitable to 1600F and 2000F respectively. Also available with a layer of 1000 **Spin-Glas** designated as **Superex** 1600 SG and **Superex** 2000 SG.

Super Floss Filler
[F&MD]
Specially processed from diatomaceous silica. As a functional mineral filler, it is characterized by great bulk per unit weight, high absorptive capacity, chemical inertness, and unique diatom structure. It is white in color and of very fine particle size.

Super **Temp-Tite** Pipe
[PD/CHAC]
A pre-insulated piping system for conveying steam and high temperature hot water underground. Temperature range 212F to 400F. Maximum operating pressure 500 psig. Super **Temp-Tite** contains lime-silica and high temperature polyurethane foam insulation inside a **Transite** casing. Available in pipe sizes of 3, 4, 6, 8, 10 and 12 inches in 13 foot lengths.
Specification Information:
Standard product complies with ASTM-A-53 for core; ANSI B31.1 for core and coupling. *If certification is required it must be requested on purchase order and acknowledged by J-M.*

Super-24 Insulation
[RPMD]
J-M identification of 7" thick Foil-Faced Insulation with a Thermal Resistance of R-21 FGO (Fiber Glass Only).
Specification Information:
Compliance with, and/or certification to, HH-I-521E, Type III, *subject to possible exception(s), can be furnished only when requested on purchase order and acknowledged by J-M.*

Super-30 Insulation
[RPMD]
J-M identification of 9-1/4" thick R-30 Kraft-Faced and Un-Faced Fiber Glass Building Insulations.
Specification Information:
Compliance with, and/or certification to, HH-I-521E, Types I and II, *subject to possible exception(s), can be furnished only when requested on purchase order and acknowledged by J-M.*

Support Plate
[F&MD/SP]
A 293 mm diameter by 3/8 inch thick disc resembling a thick phonograph record used in multiples within the **One-Sevener** Filter Holder and the High Volume Filter Holder. It supports a support screen and a membrane filter. It is made of polysulfone, is inert, FDA-approved, resists autoclaving and is unbreakable. It is a precision molded part with channels and circular grooves which conduct the solution flow both upstream and downstream.

Support Screen
[F&MD/SP]
A woven polyester monofilament disc, 293 mm diameter, of exactly the same shape and size as the membrane filter it supports. The inner 60 mm hole and the O.D. are integrally bonded to silicone rubber seals which eliminate the O-rings normally found in support plates.

Synthetic Silicates
[F&MD]
A generic term for synthetic hydrous calcium and magnesium silicates. See: **Celkate** T-21 Filler and Adsorbent; **Hysorb** Stabilizers; **Micro-Cel** Adsorbents and Fillers; **Microsweet** Adsorbent Filter Aid.

T

Tadpole Tapes
[ISD/SC]
Resilient, non-absorbent gasketing tapes formed by wrapping heat-resistant cores with a variety of specially treated cover materials. The edges of the covers are stitched or cemented together, forming the characteristic tail structure. **Tadpole** Tapes are used extensively around the engine compartment of tanks, in the aircraft industry for sealing at engine mounting rings, turbine flanges, combustion chamber inlets on jet engines, and firewalls. Standard J-M Style Nos: 123; 150-10; 150-12; 150-15; 150-20; 151-18; 156-15; and 160-21. Available on Special Product Price Inquiry basis. Contact Sales office.
Specification Information:
Compliance with, and/or certification to, MIL-S-45351A, *can be furnished only when requested on purchase order and acknowledged by J-M.*

Tank Top Insul Insulation
[IPD/IS]
A rigid insulating material of mineral composition processed to form a lightweight, moisture-resistant board suitable for use to 250F. Is ideal for insulating flat top surfaces of heated tanks and vessels such as in petroleum, chemical, and industrial installations. Available 24″ wide x 48″ long in thicknesses 1″ to 3″ in 1/2″ increments.

Tapes—Woven Asbestos or Fiber Glass
[ISD/SC]
Tapes woven from either asbestos or fiber glass yarns. Used as gasketing or as wrap over piping and electrical conductors. Available in Asbestos Styles: **Asbestica**, 55 Cable, 119, 120, 121, 122, 132, 2032-TFE Impregnated; Fiber Glass Style 1122.

Tap-Hole Cones
[IPD/RP]
Vacuum formed conical shapes molded in the **Cera Form** process. Used to seal flow of metal from non-ferrous furnaces, eliminate need for moistened fireclay.

Teflon Materials
[ISD/SC]
Teflon is a Du Pont tradename for TFE (tetrafluoro ethylene). TFE is incorporated in J-M Style 91 Asbestos-TFE Sheet Packing, Asbestos-TFE Pump and Valve packings, and packings made from TFE yarns. See **Chempac**. TFE is also used in the manufacture of some J-M Oil Seal Types.

Telephone Duct
[PD]
See **Transite** and PVC Telephone Duct.

Temper-Tone Ceiling Tiles
[HOLO/AC]
No longer manufactured. Were felted mineral-fiber tiles with patterns of directional or non-directional fissures combined with tiny perforations.

Temp-Fit Insulation
[IPD/IS]
A binder-free, ceramic fiber blanket insulating material adhered to a lightweight, corrugated Type 304 stainless steel jacket for continuous service temperature to 1600F, core material only. Ideal insulation for flanges, valves, fittings and manhole covers. Also used for pipe insulation, process tanks, vessels and equipment, and electrical conduit applications. Is removable and reusable.

Tempstran Bulk Fibers
[F&MD]
Flame-attenuated borosilicate glass fibers developed as an all-purpose fiber for the paper industry. Available in bulk form and web form, in Glass Types 475, 753, E and Quartz. Codes and fiber diameters are: No. 100, .05-.099; No. 102, .10-.199; No. 104, .20-.499; No. 106, .50-.749; No. 108, .75-1.59; No. 110, 1.6-2.59; No. 112, 2.6-3.8; "C", 3.8-5.1.

Temp-Tite Pipe
[PD/CHAC]
A non-metallic, pre-insulated underground pipe for conveying chilled water and low temperature hot water. Temperature range 35 to 200F. It has a corrosion resistant **Transite** casing. The polyurethane foam insulation is bonded between a lined casing and core, and capped at both ends with water and heat resistant end seals. The **Transite** epoxy-lined core pipe provides a maximum flow rate (C = 150) and eliminates internal corrosion. The **Ring-Tite** coupling provides a watertight seal. Available in 10 foot lengths for 3 and 4 inch pipe sizes, and 13 foot lengths for 6, 8, 10, 12, 14, 16, 18, 20, 24, 30 and 36 inch pipe sizes.
Specification Information:
Standard product complies with ASTM-C-428 for casing; ASTM-C-541 for lining; AWWA-C-400 for core. *If certification is required it must be requested on purchase order and acknowledged by J-M.*

Tenu-Tone Ceiling Tiles
[HOLO/AC]
No longer manufactured. Were moderately priced, felted mineral fiber tiles.

Terra-Fil Filler
[F&MD]
No longer manufactured. Was a perlite functional filler.

Thermal-Acoustical Batts
[RPMD]
Made specifically for use with suspended ceiling system. Installed above the ceiling panels, they provide thermal control where it is needed most. Used to reinforce the acoustical values provided by suspended ceiling systems. Sizes are 4″ or 6-1/2″ x 24″ x 48″. Available with or without a vapor barrier.
Specification Information:
Compliance with, and/or certification to, HH-I-521E, Types I, II and III, *subject to possible exception(s), can be furnished only when requested on purchase order and acknowledged by J-M.*

Thermidom Insulation
[INT]
A family of glass fiber insulation rolls specifically designed for use in residential applications.

Thermil Insualtion
[INT]
A family of glass fiber insulation rolls, batts and boards produced in Europe.

Therm-Lock Closure Strip with ABI
[IPD/IS]
A reinforced closure strip used in place of pressure sensitive tape to join **Micro-Aire** fiberglass duct systems. It is composed of reinforced, aluminum foil with a solid polymer bond surface. The polymer melts into the pores of the aluminum duct facing. ABI (Automatic Bond Indicator) is a double row of heat-sensitive green dots that change to black automatically when the right temperature and pressure is applied for proper bonding. The J-M low profile iron is designed to apply and heat-seal **Therm-Lock** Closure Strip to **Micro-Aire** duct where clearance is limited.
Specification Information:
Compliance with, and/or certification to, NFPA-90A and NFPA-90B; UL Listed, *can be furnished only when requested on purchase order and acknowledged by J-M.*

Thermo-Chem Rope and Tape
[ISD/SC]
J-M trademark for Style TP-770 Glass Fiber Rope Packing and Style TP-1122 Glass Fiber Woven Tape.

Thermocore Architectural Panels
[BSD/ICP]
A laminate panel composed of an insulating core faced two sides with asbestos cement sheets. The **Thermocore** core is non-combustible. It is composed of expanded perlite particles, binders and fibers. This core offers the maximum insulation compatible with the non-combustible characteristics required by many building codes. The **Flexboard** facing sheet is non-combustible. Furnished 1", 1-1/8", 1-9/16" and 2" thick, in 6, 8, 10, and 12 foot lengths and 4 foot widths. If Snap-in system to be used, identify as such when ordering this product.

Thermocore Packing
[ISD/SC]
J-M trademark for Styles VG-1, VG-2, and VG-3 Pump and Valve Packings.
Specification Information:
Compliance with, and/or certification to, HH-P-131C, Type II, Class 3 for VG-3, *subject to possible exception(s), can be furnished only when requested on purchase order and acknowledged by J-M.*

Thermoflex Bulk Fiber
[IPD/IS]
A lightweight refractory fiber insulation which withstands temperatures to 2300F used in loose form as a filter medium, insulating packing or fill. Its most common use is in aviation insulation applications.

Thermoflex Felt
[IPD/IS]
A high quality refractory fiber felt suitable for continuous exposure to 2300F. The material is used in innumerable aerospace applications to provide thermal protection under extreme conditions of temperature and vibration. **Thermoflex** Felts are widely used for aircraft jet engine insulation and other aerospace applications where high temperature resistance and a high degree of mechanical and chemical stability are required.
Specification Information:
Compliance with, and/or certification to, MIL-I-8776, Types I and II; USCG 164.009/32/0 (4 lb. only), *can be furnished only when requested on purchase order and acknowledged by J-M.*

Thermoflex Tape
[IPD/IS]
An extremely adaptable insulating tape made of refractory fiber felt for use on high temperature ducting, piping and tubing, or for parts not easily insulated by other means. It is designed for hot face temperatures ranging to 2300F. **Thermoflex** Tape may be cut with snips to desired shape, with correct width and thickness determined by the size of the piping or part being insulated.

Thermo-Pac Rope
[ISD/SC]
J-M trademark for Styles TP-2300 and TP-2700 Refractory Fiber Rope Packings and Styles TP-500 and TP-1000 Asbestos Rope Packings.

Thermopipes
[PD/CHAC]
J-M trademark for pre-insulated pipes consisting of pressure core pipe in a protective casing pipe which encloses insulation for thermal efficiency. For hot water, chilled water, steam and condensate underground systems. See: **Chemtite**; Copper Core **Temp-Tite**; **Heat-Tite**; **Kool-Kore**; Super **Temp-Tite**; **Temp-Tite** Pipes.

Thermo-12 Block Insulation
[IPD/IS]
A molded, high temperature block insulation composed of hydrous calcium silicate for service temperature to 1500F. An insulating material ideal for high temperature piping and equipment. Available in flat, 1V scored, 3V scored, 6″ wide beveled, and radius block 42″ diameter. Block is available in 36″ lengths in thicknesses from 1″ to 4″. Block styles are available for application to various surface areas of flat and curved surfaces in diameters ranging from 34″ to 250″.
Specification Information:
Compliance with, and/or certification to, HH-I-523C, Type I; MIL-I-2819F, Classes 2 and 3 for Long Beach and Manville Plants; MIL-I-24244A, Amd. 3: No Type for Waukegan Plant, Types 3B and 3D for Long Beach and Manville Plants; ASTM-C-533, Type I; NRC Regulatory Guide 1.36; NRC-RDT-M12-1T and -2T; USCG 164.009/163/0, *can be furnished only when requested on purchase order and acknowledged by J-M.* Standard product complies with CGSB 51-GP-2b. *If certification is required it must be requested on purchase order and acknowledged by J-M.*

Thermo-12 Pipe Insulation
[IPD/IS]
A molded, high temperature pipe insulation composed of hydrous calcium silicate. For service temperature to 1500F. It is an insulating material, which because of its lightweight, low thermal conductivity, great structural strength and insolubility in water is ideal for high temperature on indoor and outdoor piping and equipment. For outdoor systems a metal or weatherproof jacket should be applied. For factory-applied stainless steel or aluminum jacketing, see **Metal-On** Pipe Insulation. **Thermo-**12 insulation is asbestos-free. Available for diameters to 24″ in half sections; pipe sizes 25″ through 33″ are available in quad segments. Furnished in 3′ lengths in thicknesses 1″ through 4″ in 1/2″ increments.
Specification Information:
Compliance with, and/or certification to, HH-I-523C, Type II, Classes A and B; MIL-I-2781E; MIL-I-24244A: No Type for Waukengan Plant, Type I for Long Beach Plant, Types 1A, 1C, 1D, 1E for Manville Plant; ASTM-C-533, Type I; NRC Regulatory Guide 1.36; NRC-RDT-M12-1T and -2T; USCG 164.009/163/0, *can be furnished only when requested on purchase order and acknowledged by J-M.* Standard product complies with CGSB 51-GP-2b. *If certification is required it must be requested on purchase order and acknowledged by J-M.*

Thermo-12 Pipe Insulation with Extended Legs
[IPD/IS]
A molded, high temperature pipe insulation composed of hydrous calcium silicate. Furnished with 1/4″ extended legs on each end of the half circles for pipe sizes 1/2″ through 8″ and molded with 3/8″ legs on each end of the half circles for pipe sizes 9″ through 16″, or 3/8″ straight beyond 180 degrees. For indoor or outdoor piping equipment operating at temperatures to 1500F that have either steam or electrical traced pipe lines.

Tile Guard Cover
[ISD/PP]
A fiber glass mat reinforced with fiber glass yarn. It is used as a covering for drainage tile to retard the entry of soil particles through the tile joints, yet allow the free passage of water.

TMA-L and TMA-S (Teflon*) Metal Case Oil Seals
[ISD/SC]
Oil Seals designed specifically for special corrosive chemical service. Available TMA-L, spring loaded, and TMA-S, springless. The stainless steel outer case contains a machined Teflon* seal insert for service on rotary shafts. (*Du Pont T.M.)

T-Mate 752-E Fiber Glass Roving
[F&MD]
A preformed fiber glass roving in multiple end, continuous filament specifically designed for preform/matched die molding applications where a medium bulk reinforcement is required.

Topgard Type B — Fibrated-Coating
[BSD/ICP]
A clay-stablized asphalt emulsion with reinforcing asbestos fibers, which provides a strong, tough surface coating for built-up roofs. Also for use in membrane waterproofing systems. It is applied by brush.
Specification Information:
Compliance with, and/or certification to, MIL-R-3472A, Amd. 1; ASTM-D-1227, Type 1, *subject to possible exception(s), can be furnished only when requested on purchase order and acknowledged by J-M.*

Topgard Type C Coating
[BSD/ICP]
A solvent based asphalt roof coating designed especially for use with built-up roofs and general roof maintenance.

Topgard Type F — Fibrated-Coating
[BSD/ICP]
A solvent based fibrated cut back roof coating, for use with built-up roofs and smooth surface asbestos roofing. It is applied with either a brush or spray. It can also be used for general roof maintenance.
Specification Information:
Compliance with, and/or certification to, SS-A-694D, *subject to possible exception(s), can be furnished only when requested on purchase order and acknowledged by J-M.*

Topliner Headliner
[IPD/RP]
Molded glass fiber, snap-in liner for automobile headlining; cuts sun's heat and road noise; includes decorative facing.
Specification Information:
Compliance with, and/or certification to, DOT 571.302, *can be furnished only when requested on purchase order and acknowledged by J-M.*

Top-Loc Coating
[BSD/ICP]
An asphalt emulsion coating applied to **Fesco** Board Roof Insulation to retain the proper amount of mopping bitumens, helping to assure positive adhesion of the roofing membrane.

TPR Drum Covers
No longer manufactured. Were covers for steel drums.

Trailblazer Luminaire
[HOLO]
A low-level luminaire for outdoor walkways and landscape lighting. Consists of cast aluminum housing with square aluminum straight pole, 36″ or 42″ high, with ballast type 100W and 175W mercury, 175W metal halide, and 70W, 100W and 150W HPS lamps.
Specification Information:
Standard product complies with UL requirement. *If certification is required it must be requested on purchase order and acknowledged by J-M.*

Transfalt Strips
[BSD/ICP]
No longer available. Were rubber strips for use with Corrugated **Transite** Sheets.

Transhield Pipeline Felt
[ISD/PP]
Asbestos felt wrap reinforced with fiber glass. A tough, tear-resistant outer wrap for underground application. It resists soil chemicals, rotting and decay. Available in types No. 8 and No. 15 asphalt or coal tar.
Specification Information:
Standard product complies with NACE; AWWA-C-203. *If certification is required it must be requested on purchase order and acknowledged by J-M.* Compliance with, and/or certification to, MIL-F-1899C, *subject to possible exception(s), can be furnished only when requested on purchase order and acknowledged by J-M.*

Transifoam Architectural Panels
[BSD/ICP]
A laminated panel composed of an insulating core faced two sides with asbestos-cement sheets. The core is a 1-1/2 pound density, self-extinguishing type expanded polystyrene bead board. The **Flexboard** facing sheet is non-combustible. This is a building panel for both exterior and interior use, window and curtain walls, spandrel panels, partitions, dividers and facings. Although rigid and strong, **Transifoam** panels should not be subjected to bearing loads. Available in 6, 8, 10 and 12 foot lengths and 4 foot widths, 1″, 1-1/8″, 1-9/16″ and 2″ thicknesses. 1-9/16″ panels must specify Snap-In when used with that system.

Transite
J-M trademark for its brand of asbestos-cement products.

Transite Acoustical Panel
[HOLO/AC]
No longer manufactured. Was a mixture of natural mineral fibers with synthetic calcium aluminum silicate which were formed and cured under hydrothermal conditions.

Transite Air-Vent Duct
[IPD/IS]
Used for underslab heating and air-conditioning duct systems. Not to be used for carrying solids or liquids. It is available in pipe sizes 6″ through 36″. Non-metallic and non-organic so it cannot rust or rot. 10′ and 13′ lengths are free of internal flanges that impede flow and collect solid particles. Not subject to galvanic corrosion so there is no need for a lining or coating. **Transite** fittings and couplings are available.
Specification Information:
Standard product complies with ASTM-E-84; FHA 44e; NESCA Type 5 Standard. *If certification is required it must be requested on purchase order and acknowledged by J-M.* Compliance with, and/or certification to, CGSB 34-GP-10M, *subject to possible exception(s), can be furnished only when requested on purchase order and acknowledged by J-M.*

Transite Core Plates
[IPD/RP]
Smoothly sanded, hydrothermally cured asbestos-cement boards especially compounded to support foundry cores properly during drying or baking processes. These sturdy core plates are true and flat at every point. Widely used in the manufacture of castings of brass, aluminum, gray iron, malleable iron and steel.

Transite Core Plate Sheet Stock
[IPD/RP]
Smoothly sanded sheets of hydrothermally cured asbestos and cement especially compounded for fabrication into **Transite** Core Plates or **Transite** Pallets.

Transite Corrugated Sheets
[BSD/ICP]
No longer marketed. Were composed of asbestos fiber and Portland cement.

Transite Electrical Duct and Fittings
[PD]
Transite Electrical Duct with plastic coupling and **Transite** Fittings furnished for use in carrying electrical cables. Type I, **Transite** Korduct, has a thin wall and is designed for concrete encasement. Type II, **Transite** Conduit, has a thick wall and is designed for direct burial in the earth and for exposed installations. It is available in sizes: Type I, 3, 3 1/2, 4, 5 and 6 inches; Type II, 3, 4, 5, and 6 inches.
Specification Information:
Standard product complies with ASTM-C-875. *If certification is required it must be requested on purchase order and acknowledged by J-M.* Compliance with, and/or certification to, CSA C22.2 No. 135, *subject to possible exception(s), can be furnished only when requested on purchase order and acknowledged by J-M.*

Tra

Transite Epoxy-Lined Pipes and Fittings
[PD]
Available for conveying corrosive fluids in industrial services. These pipes are lined **Transite** Pressure Pipe and **Transite** Non-Pressure Sewer Pipes. (For sizes and classes, see **Transite** Pressure Pipe and **Transite** Non-Pressure Sewer Pipe.)
Specification Information:
Standard product complies with ASTM-C-296; ASTM-C-428; ASTM-C-541; AWWA-C-400; AWWA-C-401; AWWA-C-402; AWWA-C-403 pending. *If certification is required it must be requested on purchase order and acknowledged by J-M.*

Transite Flat Sheets
[BSD/ICP]
A monolithic sheet composed of Portland cement and asbestos fibers combined under high pressure. It is non-combustible, will not rot or rust, and resists vermin. A building panel for exterior and interior use, flame barriers, oven walls, fume hood ducts, and many other uses. Exceptionally suited for areas of high temperature and humidity where wood and metal will rot or corrode. Available in 1/4, 5/16, 3/8, 1/2, 5/8, 3/4, 7/8, 1, 1-1/4, 1-1/2, 1-3/4, 2, 2-1/2, 3, 3-1/2 and 4 inches in 4′ x 8′ sheet only.
Specification Information:
Compliance with, and/or certification to, USCG 164.009/13/0, normal cure only, *can be furnished only when requested on purchase order and acknowledged by J-M.*

Transite Non-Pressure Sewer Pipe and Fittings
[PD]
Classes 1500, 2400, 3300, 4000 and 5000 are furnished for use in gravity sewer lines. Available in sizes 4, 5, 6, 8, 10, 12, 14, 15, 16, 18, 20, 21, 24, 27, 30, 33 and 36 inches. For sizes 4, 5, and 6 inches see **Transite** Non-Pressure Small Diameter Sewer Pipe. Also available in Classes 6000, 7000, 8000, 9000 and 10000 on special order.
Specification Information:
Standard product complies with ASTM-C-428; CGSB 34-GP-9M and 34-GP-23M. *If certification is required it must be requested on purchase order and acknowledged by J-M.* Compliance with, and/or certification to, SS-P-331C (not "D" issue) *can be furnished only when requested on purchase order and acknowledged by J-M.*

Transite Non-Pressure Small Diameter Sewer Pipe and Fittings
[PD]
Classes 1500, 2400, and 3300, are furnished for use in the building sewer line which extends from the sewer main in the street to the building drain approximately 3 feet outside the building wall. It is available in sizes 4, 5, and 6 inches.
Specification Information:
Standard product complies with ASTM-C-644. *If certification is required it must be requested on purchase order and acknowledged by J-M.* Compliance with, and/or certification to, SS-P-331C (not "D" issue) *can be furnished only in the 6″ size when requested on purchase order and acknowledged by J-M.*

Transite Pallets
[IPD/RP]
Made from **Transite** Core Plate Sheet Stock, the pallets are used in the drying process in the refractory and ceramic industries.

Transite Pressure Pipe
[PD]
Classes 100, 150 and 200 are furnished for use in water supply lines, fire lines, distribution systems and sewer force main applications. Available in sizes 4, 6, 8, 10, 12, 14 and 16 inches. For sizes over 16″, see **Transite** Transmission Pipe. In Canada (CPD) **Transite** Pressure Pipe is available 6″ through 24″.
Specification Information:
Standard product complies with ASTM-C-296; AWWA-C-400; AWWA-C-401; FM; FIA; CGSB 34-GP-1M. *If certification is required it must be requested on purchase order and acknowledged by J-M.* Compliance with, and/or certification to, UL, *can be furnished only when requested on purchase order and acknowledged by J-M.*

Transite Storm Drain Pipe and Fittings
[PD]
Transite Storm Drain Pipe with plastic couplings and **Transite** Fittings, Classes 1500D, 2000D, 2500D, 3000D and 3750D, are furnished for use in drainage of highways and roads, parking lots, shopping centers, industrial plants and educational institutions. Available in sizes 4, 6, 8, 10, 12, 14, 15, 16, 18, 20, 21, 24, 27, 30, 33, 36, 39.5 and 42 inches. Also available in sizes 6, 8 and 10 inches is **Transite** Non-Perforated Underdrain in one strength class.
Specification Information:
Standard product complies with ASTM-C-663; AASHTO-M-217. *If certification is required it must be requested on purchase order and acknowledged by J-M.*

Transite "T" Pipe
[PD]
Transite "T" Pipe for agricultural irrigation pipe in classifications T-30, T-35, T-40, T-45, T-50 and T-60 is available for use on the farm for irrigation, water lines, fire lines, drainage, pump-back water storage and animal waste disposal. It is available in sizes 6, 8, 10, 12, 14, and 16 inches. For sizes 18″ – 36″ see **Transite** Transmission Pipe.
Specification Information:
Standard product complies with ASTM-C-668; SCS-432B. *If certification is required it must be requested on purchase order and acknowledged by J-M.*

Transite Telephone Duct and Fittings
[PD]
Transite Telephone Duct with plastic couplings and **Transite** couplings are furnished for use in carrying telephone cables. Type "B" Duct has a thin wall and is designed for concrete encasement. Type "C" Duct has a thick wall and is designed for direct burial in the earth and for exposed installations. Available in sizes 2, 3, 3-1/2, and 4 inches.

Transite Transmission Pipe
[PD]
Classifications T-30, T-35, T-40, T-45, T-50, and T-60, T-70, are furnished for use in transmissions, feeder mains, sewer force mains and industrial process lines. Available in sizes 18, 21, 24, 27, 30, 33 and 36 inches. See **Transite** "T" Pipe for agricultural irrigation service. For sizes 4"-16" see **Transite** Pressure Pipe.
Specification Information:
Standard product complies with ASTM-C-668; AWWA-C-402; AWWA-C-403. *If certification is required it must be requested on purchase order and acknowledged by J-M.*

Transite Type 5 Irrigation Pipe and Fittings
[PD]
Available for a maximum recommended 25 PSI working pressure for agricultural service in sizes 10, 12, 14 and 16 inches. For other sizes and pressures, see **Transite** Transmission Pipe and **Transite** "T" Pipe.
Specification Information:
Standard product complies with SCS-432B *If certification is required it must be requested on purchase order and acknowledged by J-M.*

Transite Underdrain Pipe and Fittings
[PD]
Furnished both perforated and unperforated. Supplied with a plastic coupling and **Transite** Fittings for use in draining subsurface areas. It is available in sizes 4, 6, 8, 10, and 12 inches. For large sizes and strength classifications, unperforated only, see **Transite** Storm Drain Pipe.
Specification Information:
Standard product complies with SS-P-340b; ASTM-C-508; AASHTO-M-189. *If certification is required it must be requested on purchase order and acknowledged by J-M.*

Transitop Architectural Panels
[BSD/ICP]
A building panel for both exterior and interior use, window and curtain walls, spandrel panels, partitions, dividers and facings. Although rigid and strong, **Transitop** panels should not be subjected to bearing loads. This is a laminated panel composed of an insulating core faced two sides with asbestos-cement sheets. The core is a lightweight fiber-board composed of selected wood fibers, integrally impregnated with asphaltic compounds and formed under hydraulic pressure into dense, rigid sheets. The **Flexboard** facing sheet is non-combustible. Available in 6, 8, 10 and 12 foot lengths, and 4 foot widths, 1", 1-1/8", 1-9/16" and 2" thicknesses; 1-9/16" panels must specify Snap-in when that system is used.

Trantex Tape Types E-12, VID-10, VID-20
[ISD/PP]
A complete range of pressure-sensitive, cold application tapes to protect underground pipes, joints and fittings from corrosion. Available with a tough, flexible all-weather polyvinyl film backing in two thicknesses, .010" and .020", Types VID-10 and VID-20 respectively. **Trantex** Tape is also furnished with a high dielectric polyethylene backing, Type E-12, in .012" thickness. They are applied cold over pipe which has been cleaned and primed with J-M No. 22 Primer Adhesive.

Tri-Shield Pipeline Wrap
[ISD/PP]
A combination wrapper designed especially for high speed machine application. Composed of No. 8 or No. 15 **Transhield** Pipeline Felt coated one side with hot enamels with a layer of **Blue Flag** fiber glass wrap adhered to the inner enamel surface. Available on Special Product Price Inquiry basis.

Truline Luminaire
[HOLO]
Surface mounted wrap-around **Controlens** units for 2 or 4 fluorescent lamps in 4' lengths for use in commercial interiors designed to provide a shallow unit.
Specification Information:
Standard product complies with UL requirement. *If certification is required it must be requested on purchase order and acknowledged by J-M.*

Tubing, Asbestos Braided
[ISD/SC]
A tubing used as a heat and fire barrier around electrical cable, metal tubing and hose. Available in I.D. sizes from 1/64" through 3".
Specification Information:
Compliance with, and/or certification to, MIL-I-13042A for Braided Commercial Grade Asbestos Tubing, *can be furnished only when requested on purchase order and acknowledged by J-M.*

Tuf-Skin Blanket
[IPD/IS]
A flexible and extremely durable, blanket-type insulation made from fine flame-blown glass fibers bonded with a thermo-setting resin. It is a dual density product designed to provide maximum acoustical properties in both high and low frequency ranges. Developed to provide effective noise reduction and thermal insulation in air conditioning and heating equipment, and other appliances where resistance to air erosion is important. **Tuf-Skin** Blanket is supplied in roll form. It is available in 1/2" and 1" thicknesses, and 36" and 48" widths. Other widths available on special request.
Specification Information:
Compliance with, and/or certification to, NFPA-90A; UL-181, *can be furnished only when requested on purchase order and acknowledged by J-M.*

Twin **Prismpack** II Luminaire
[HOLO]
Fixture is twin pendant, prismatic glass reflector fixture for use with mercury, and metal halide lamps with integral ballasts offering a choice of light distributions and controlled brightness for numerous industrial applications.
Specification Information:
Standard product complies with UL requirement. *If certification is required it must be requested on purchase order and acknowledged by J-M.*

U

"U" Cup Packing
[ISD/SC]
"U" Cup design is a dual lip packing used to seal against the cylinder bore and on the piston of hydraulic presses. Normally "U" Cups require filler rings to space them in the cavity for prevention of lip jamming.

U-Glue
[IPD/IS]
U-Glue is now identified as **Z-Glu**.

Ultrabestos Blue Brand Asbestos Fiber Grade
[AFD]
No longer available. Was an extremely white floor tile grade of asbestos fiber.

Unbonded B-Fiber Batt
[IPD/IS]
A non-resilient flame-attenuated glass fiber blanket without binder. Used by manufacturers and fabricators for incorporation in completely inorganic thermal fabrications in aerospace, equipment and specialty application, hot bitumen, or approved cold adhesives.

Unbonded-B Fiberglass Blanket
[F&MD, IPD/IS]
A white, loosely felted non-resilient blanket without binder. After compression, it does not return to its original thickness; therefore, reference should not be made to standard densities and thicknesses. Designation should be weight per sq. ft. Used in equipment, specialty applications, and as high temperature filter media.

Unbonded SG (Spun Glass) Blanket
[F&MD, IPD/IS]
A non-resilient rotary glass fiber blanket with binder. Used as thermal insulations in equipment, specialty applications and as filter media.

Underdrain Pipe
[PD]
See **Transite** Underdrain Pipe.

Unee-Cup Packing
[ISD/SC]
A specially designed "U" Cup Packing that incorporates an inner and outer sealing lip for installation without spacer pedestal or filler. One lip is designed longer to space the packing, depending on whether it is used as an O.D. or I.D. dynamic sealing lip. Also available in compound/fabric, all-compound, or **Uneethane** Packing and with a base anti-extrusion washer. This single-ring packing concept means that the J-M **Unee-Cup** Packing requires minimum equipment space and is designed specifically for use on cylinder rods, rams or pistons.

Uneepac Standard Packing
[ISD/SC]
A unique family of dual-lip packing with built-in pedestal spacer ring. This Packing design does not require compression. Used for sealing cylinder rods and pistons on reciprocating equipment. Usually sold in sets with anti-extrusion, flat-bottom follower rings.

Uneethane Packing
[ISD/SC]
Uneethane is the J-M trademark for polyurethane material. **Unee-Cup** designs are available in **Uneethane** which are basically a form of "U" Cup design. This material possesses excellent abrasion and ozone resistance, and is inert to most hydraulic fluids and petroleum-based oils. Not recommended for use when exposed to auto brake fluid, ketones, esters, strong acids, high humidity or service temperatures over 200F. Has excellent low temperature characteristics and handles pressures up to 5000 psi depending on equipment and packing design.

Un-Faced Fiber Glass Building Insulation
[RPMD]
A fiber glass blanket with no vapor barrier, designed for use with separate vapor barriers such as polyethylene film or foil-backed gypsum wallboard. Especially suited for electrical heat installations; can also be used for interior walls to reduce sound transmission. Available in thicknesses of 3-1/2" Ful-Thik R-11, 3-1/2" Stud-Thik R-13, 6-1/2" Super Thik R-19 and 9-1/4" R-30. Packaged in Flat/Pak batts.
Specification Information:
Compliance with, and/or certification to, HH-I-521E, Type I, *subject to possible exception(s), can be furnished only when requested on purchase order and acknowledged by J-M.*

Uni-Fit Fitting Cover
[IPD/IS]
Now identified as **Zeston** Fitting Cover.

Uniseal Compound
[IPD/IS]
No longer manufactured. Was a general purpose sealing compound.

V

Valves, Irrigation
[ISD/ATB]
Devices which control the flow of water either electrically, hydraulically, or manually from the Keyboard Controller Series. Identified as: 910 Series Electric and 50 Series Manual for lawn and garden systems; 920, 930 and 940 Series Electric and 950 Series Hydraulic for turf systems; 930 and 940 Series Electric, 950 Series Hydraulic, and 50 Series Manual for agricultural systems.

Vandal-Guard Luminaire
[HOLO]
An attractive luminaire used in schools, offices, hospitals, shopping centers, motels and many other applications. It is sturdy, resists destruction and provides good lighting both indoors and out. Can be used with up to 100W incandescent lamp.
Specification Information:
Standard product complies with UL requirement for Damp and Wet Locations. *If certification is required it must be requested on purchase order and acknowledged by J-M.*

Vandal Resistant Emergency Luminaire
[HOLO]
Surface attached unit that utilizes a halogen lamp in a six volt system. Housing is 3/32″ thick aluminum with a rugged lexan diffuser. Also available with tamper-resistant screws and keyed test switch. Provides 90 minutes minimum of emergency lighting. Catalog numbers are M-2 and M-3.
Specification Information:
Standard product complies with UL requirement. *If certification is required it must be requested on purchase order and acknowledged by J-M.*

Van Engine Housing Insulator
[IPD/RP]
A molded fiber glass insulator for van engine housings which offer high thermal and acoustical efficiency. Passengers are protected from engine-generated heat and noise. The insulator can be faced on the engine side with heavy, puncture-resistant foil to help prevent damage during removal of the engine housing for servicing. The foil also reduces ignition-generated radio interference.
Specification Information:
Compliance with, and/or certification to, DOT 571.302, *can be furnished only when requested on purchase order and acknowledged by J-M.*

Vapor Barrier Backed Batts (Canada)
[CPD]
Fiber glass batts with factory-applied vapor barrier. Available 15″ and 23″ wide. R Values and thicknesses are: R8 (2-7/8″); R10 (3-1/2″); R12 (3-1/2″); R12 (4-3/8″); R20 (6″); and R20 (7-1/4″).
Specification Information:
Standard product complies with CSA Standard A101-1975 (Supplement No. 1 – 1977), Type 1B; CMHC Acceptance No. 6281. *If certification is required it must be requested on purchase order and acknowledged by J-M.*

Vapor Barrier Backed Rolls (Canada)
[CPD]
Fiber glass rolls with a factory-applied vapor barrier. Available 15″ or 23″ wide, R8 (2-7/8″), R10 (3-1/2″) and R12 (4-3/8″).
Specification Information:
Standard product complies with CSA Standard A101-1975 (Supplement No. 1 – 1977), Type 1B; CMHC Acceptance No. 6281. *If certification is required it must be requested on purchase order and acknowledged by J-M.*

Vectorflood HID Luminaire
[HOLO]
A high intensity discharge luminaire integrally ballasted, enclosed in a smooth, cylindrical housing. Mounted singly or up to eight on a pole with mercury 400W and 1000W, metal halide 250W to 1500W, and HPS 250W to 1000W lamps, for mounting heights from 20 to 60 feet. Used for sports areas or area lighting such as country clubs and tennis courts. Also especially suitable for night lighting highrise structures.
Specification Information:
Standard product complies with UL requirement. *If certification is required it must be requested on purchase order and acknowledged by J-M.*

Vel-Coustic Duct Liner
[IPD/IS]
No longer manufactured. Was a preformed fiber glass duct used as a liner in round metallic ducts.

Venetia Architectural Panel
[BSD/ICP]
No longer manufactured. Was a mineral fiber cement panel.

Vented **Roofinsul** Insulation (Canada)
[CPD]
No longer manufactured. Was a wood fiber roof insulation.

Ventilating Ceiling
[HOLO/AC]
No longer manufactured. Venting tiles and panels were felted mineral products with through-perforations which served for air distribution purposes.

Ventsulation Felt
[BSD/ICP]
An asbestos felt with high moisture resistance. The asbestos felt is saturated with asphalt, then mineral granules are embedded into the underside of the asphalt saturated felt, then horizontal and vertical channels, one inch on center, are pressed into the underside. Used for venting moisture from poured lightweight concrete deck and for re-roofing over old insulation or roofing felts.

Vintage Ceiling Panel
[HOLO/AC]
Vintage pattern no longer manufactured. Was a surface pattern of the **SpanAcoustic** family of Ceiling Panels.

Vista III Luminaire
[HOLO]
A series of **Postop** luminaires offering three refractor shapes. Available with 100W and 175W mercury, 70W, 100W and 150W HPS, and 100W and 200W incandescent lamps. May be mounted on poles or wall brackets, singly or in multiples.
Specification Information:
Standard product complies with UL requirement. *If certification is required it must be requested on purchase order and acknowledged by J-M.*

Vista/Prismasphere Luminaire
[HOLO]
Redesigned and now available in **Caribe** Series Luminaires.

Vista/Sphere Luminaire
[HOLO]
No longer available. Superseded by **Caribe** Series Luminaires.

Vitrofib "C" Insulation
[INT]
A fiber glass insulation used in kitchen ranges.

Vitrofib "N" Insulation
[INT]
A fiber glass insulation used in refrigeration equipment.

Vitro-Flex Mats
[F&MD]
No longer manufactured. Were produced from continuous filament fiber glass, silane treated strands chopped into standard lengths.

Vitro-Flex Tapes
[F&MD]
No longer manufactured. Were produced from continuous filament, silane treated strands chopped into mixed lengths.

Vitron Woven Rovings
[F&MD]
No longer manufactured. Were comprised of silane treated glass strands woven into fabrics.

Vitropan Ceiling Panel
[INT]
A fiber glass ceiling panel.

V-Ring Packing
[ISD/SC]
A universally used packing design for sealing cylinders, rods or pistons. Header and follower adpater rings are required components in all V-Ring sets, except in cases where packing spaces or adapters are machined as part of the equipment to provide nesting with the specific V-Ring design used. Metal backup fit must be maintained as close as possible. V-Rings are available in either endless or split types.
Specification Information:
Compliance with, and/or certification to, MIL-P-2911A, Type II, for 405 V-Ring, *can be furnished only when requested on purchase order and acknowledged by J-M.* Compliance with, and/or certification to, MIL-P-21099, Amd. 3, Type II for 446 V-Ring, *subject to possible exception(s), can be furnished only when requested on purchase order and acknowledged by J-M.*

V-Ring Packing, Style 400
[ISD/SC]
Standard lip-type V-Ring for general hydraulic and pneumatic service from -40F to +240F. Used for sealing cylinder rods and pistons. Available in compound/fabric and spiral coils in many cross-section sizes to service various application size requirements with minimum inventory backup.
Specification Information:
Compliance with, and/or certification to, MIL-P-2911A, Type II for Style 405 V-Ring, *can be furnished only when requested on purchase order and acknowledged by J-M.* Compliance with, and/or certification to, MIL-P-21099, Amd. 3 for Style 446 V-Ring, *subject to possible exception(s), can be furnished only when requested on purchase order and acknowledged by J-M.*

W

Wall-Lite Luminaire
[HOLO]
Recessed 1 x 4 and 1 x 8 fluorescent single lamp luminaires with **Controlens** for effective and efficient lighting of vertical surfaces for use with rapid start or high output fluorescent lamps.
Specification Information:
Standard product complies with UL requirement. *If certification is required it must be requested on purchase order and acknowledged by J-M.*

Wall Moulding (Canada)
[CPD]
No longer available. Was a component for suspended ceilings.

Wallpack and Underpass Luminaire
[HOLO]
A rugged, functional luminaire engineered to withstand harsh industrial environment. Available 175W to 300W incandescent, 175W and 250W mercury and metal halide, and 70W, 100W and 150W HPS lamps. Offers utilization of light output over large areas. Two completely different optical assemblies available for area or underpass lighting.
Specification Information:
Standard product complies with UL requirement. *If certification is required it must be requested on purchase order and acknowledged by J-M.*

Wallpackette Luminaire
[HOLO]
A compact, architectural luminaire engineered to distribute light over wide areas adjacent to walls. Available 150W and 200W incandescent, 250W tungsten halogen, 100W and 175W mercury, and 70W HPS lamps. Ballast, latches, hinges, and controls are totally concealed for a pleasing design.
Specification Information:
Standard product complies with UL requirement. *If certification is required it must be requested on purchase order and acknowledged by J-M.*

Wall Penetration Seal
[ISD/SC]
A flexible damage-resistant, glass fabric boot, silicone coated one side, aluminum other side, with pressure sealing zipper. Designed to enclose pipe and sleeve joints and prevent contaminating leakage through pipe penetration in walls and floors. Primarily used in nuclear power plants. Seal is designed for use on single pipe penetrations, also available by special design for multiple pipe penetrations, and on request, with neoprene, nordel or viton for inside coating. Pipe sizes from 5/8" O.D. through 50" O.D. Available on Special Product Price Inquiry basis. Contact Sales office.
Specification Information:
Standard product complies with MIL-C-27347. *If certification is required it must be requested on purchase order and acknowledged by J-M.*

Warehouse **Prismpack** II Luminaire
[HOLO]
Fixture is pendant, prismatic glass reflector-refractor for use with mercury, metal halide, and HPS lamps with integral ballasts and choice of light distributions specifically applicable for warehouse lighting.
Specification Information:
Standard product complies with UL requirement. *If certification is required it must be requested on purchase order and acknowledged by J-M.*

Water Heater Insulation Kit
[RPMD]
Includes a vinyl-faced, fiber glass insulation blanket designed to reduce fuel required to maintain desired water temperatures in standard home water heaters. Kit comes ready for easy, do-it-yourself application to insulate up to an 80 gallon tank.
Specification Information:
Standard product complies with UL Class 1 Label. *If certification is required it must be requested on purchase order and acknowledged by J-M.*

Water Heater **Spin-Glas** Insulation
[IPD/IS]
A lightweight, amber colored insulating blanket made from rotary process glass fibers bonded with a phenolic type, thermosetting resin. It is recommended for domestic and commercial water heaters. Under normal assembly procedures, the Water Heater **Spin-Glas** can be draped on tank and the outer shell slipped over without tearing the insulation. Primarily sold to Original Equipment Manufacturers (OEM). Available in rolls and batts, in thicknesses 3/4" through 4" in 1/4" increments.

Water Pipe
[PD]
See: **Transite** Pressure Pipe; **Transite** Transmission Pipe; PVC Pressure Pipe; PVC Class Water Pipe; PVC Solvent Weld Pipe; **Permastran** Pipe.

Waterproofing Felt
[BSD/ICP]
See Asbestos Finishing Felt.

Waxed Paper Products
[HAM]
Available in various types of weights, 25 to 31#/ream (3MSF). The papers are usually bleached kraft, either dry or wet waxed. Available in sheets from 6" x 9" to 24" x 36", or rolls from 9" to 60" wide x 60" maximum diameter on paper cores. These products are identified by trademarks: **Mica Wax**; **Meatpak**, **Pak Rap**; **White Imperial**. Used mainly in food application areas – delicatessens, meat markets and meat packers, as well as in institutional packaging of sandwiches and meats.

Y

Yarn-Wrapped Filter Cartridges
[F&MD]
Furnished in cotton, acrylic, rayon viscose, cellulose, polypropolene and nylon wrapped. A variety of micron sizes are available in all standard dimensions. Used for potable water, food and beverage, electroplating, strong acid, alkali, and other corrosive applications. J-M offers a variety of dimensions which conform to industry standards and can replace most competitive cartridges.

Z

Z-Blok Refractory Fiber Modules
[IPD/RP]
Lightweight, insulating modular lining system made in block form by licensed distributor-fabricators for direct attachment to industrial furnace and kiln shells, for service temperatures to 2600F. Each **Z-Blok** unit consists of a piece of refractory fiber blanket, (J-M materials of **Cerablanket, Cerafelt, Cerachrome** Blanket or **Cerawool** Blanket) that has been accordian-pleated into a one-foot square module with built-in attachment hardware.

Zelie Jumbo Brick
[IPD/RP]
Zelie Jumbo Brick identifies the size of Insulating Fire Brick. It is larger than the standard 9" x 4-1/2" x 2-1/2", to maximum 24" x 9" x 3".

Zelie Refractory Mortar
[IPD/RP]
A dry air-setting mortar for laying all types of Insulating Fire Brick. For temperatures to 3000F.

Zeston Fitting Covers
[IPD/IS]
Zeston Fitting Covers consist of PVC jacketing and fiber glass insulation, premolded in one piece in several shapes and sizes which fit snugly over a variety of fittings, such as elbows, tees and valves. For use in insulating chilled water, hot water, steam and other indoor piping systems. For use with **Micro-Lok** 650 Pipe Insulation.

Zeston Heat Transfer Compounds
[IPD/IS]
These Compounds are designed for any application where heat or cold transfer from a source to a process line or equipment is a requirement. Can be used on cold, hot water and steam tracer or electric MI cable systems and panel coils. Can also be made into removable jackets for special shapes of fittings or equipment. Temperature limits: Sub-zero to +1250F. Compounds are supplied in dry mix and mastic form consistency, and cure into a bonded heat transferring compound. Available Grades: Standard Z-10, Fine Grained Z-20, 1250F High Temperature Z-30, Waterproof Flexible Z-50, Non-Curing Microfine Z-80. Hardener Z-40 is used with Grades Z-10, Z-20 and Z-30 to accelerate curing time.

Zeston Pipe and Tank Insulation Systems
[IPD/IS]
A combination of high temperature fiber glass board bonded to either **Du-All** or AP jacketing. Used for bare pipe or add-on insulation when additional insulation is required. Easily applied to pipes, tanks, ducts, vessels and many other types of equipment. Suitable for high or low temperature use up to 500F, either indoors or outdoors.

Z-Glu
[IPD/IS]
A spray contact adhesive used with **Zeston** Insulation Fitting Covers.

Z-Tape
Part of the **Du-All** Jacketing System and is now referred to as **Du-All** Tape.

Number	Title	*Code	J-M Product
HH-T-30B	Tape, Pipe Coating Coal Tar, Hot Applied and Primer	STD	**Duratape** Types W-800B and W-900B
HH-P-31D	Tape, Asbestos		
		REQ	Type I: MX-4912
			Type II: No compliance.
HH-P-0034C	Packing, Mechanical		Cancelled.
HH-P-41C	Packings		No compliance.
HH-P-46E	Packing, Sheet		
			Class I:
		PEX	60 Compressed Asbestos Sheet
		PEX	61 Compressed Asbestos Sheet
HH-P-00106	Packing, Mechanical	REQ	MX-2572
HH-P-131C	Packing Metallic and Non-Metallic, Plastic		
		PEX	Type II, Class 3: VG3 **Thermocore** Packing
SS-C-153C	Cement: Bituminous, Plastic or Cement: Industrial Roof		
			Type I, Class A:
		PEX	Black Plastic Cement Summer Grade
		PEX	Industrial Roof Cement
			Type I, Class B:
		PEX	Black Plastic Cement Winter Grade
			Type II: No product.
SS-C-160	Cements, Insulation, thermal		
		REQ	Type IV: 508 Cement
SS-S-291D	Shingles, Asbestos		No product.
SS-S-294A Int. Amd. 1	Shingles, Asphalt Mineral Surface Uniform Thickness		Type I:
		PEX	Fiber Glass/3-Tab Shingle
		PEX	**Fire-Glass** III Shingle
		PEX	**Fire-King** Shingle
		PEX	**Fire-King** III Shingle
		PEX	**Rampart** Shingle
		PEX	Rustic **Rampart** Shingle
		PEX	**The Woodlands** Roof
SS-S-300B	Shingles, Organic Fiber, Asphalt (Mineral Surfaced) (Uniform Thickness)		Type III:
		PEX	Standard **Seal-O-Matic** Shingle
		PEX	**The Highlands** Shingle
SS-P-331C	Pipe, Sewer, Non-Pressure, Asbestos-Cement and Couplings and Fittings	REQ	**Transite** Non-Pressure Sewer Pipe
		REQ	**Transite** Non-Pressure Small Diameter Sewer Pipe, 6"
SS-P-331D			J-M does not produce to this specification.
SS-P-340B	Pipe, Asbestos-Cement, Perforated Underdrain	STD	**Transite** Underdrain Pipe, Couplings and Fittings
SS-S-346D	Shingles, Asbestos-Cement		No product.

Number	Title	*Code	J-M Product
SS-P-351D	Pipe and Couplings, Asbestos-Cement, Pressure		Cancelled by GSA. Use ASTM-C-296.
MIL-STD-461A	Lens, Prismatic Panels	STD	62RF51 Clear Acrylic Lens with Suppression Grid
MIL-STD-462	Lens, Prismatic Panels	STD	62RF51 Clear Acrylic Lens with RF Suppression Grid.
MIL-STD-463	Lens, Prismatic Panels	STD	62RF51 Clear Acrylic Lens with RF Suppression Grid
HH-C-466B	Cloth, Glass, Coated		Cancelled. See ASTM-D-1668.
SS-R-501D Int. Amd. 2	Roofing Felt, Asphalt Prepared, Smooth Surface		Type I:
		PEX	**Planet** Base Felt
		PEX	Smooth **Duplex** Roofing
		PEX	**Service** Roofing
			Type II:
			No product.
			Type III:
		PEX	**Pilot** Roofing
			Type IV:
		PEX	**Pilot** Roofing
HH-I-521E	Insulation Blankets, Thermal, Mineral Fiber		Type I:
		PEX	Unfaced Fiber Glass Insulation
		PEX	Unfaced Thermal Acoustical Batts
		PEX	Plain **Microlite**
		PEX	Sound Control Batts
			Type II:
		PEX	Kraft Faced Fiber Glass Insulation
		PEX	Kraft Faced Thermal Acoustical Batts
			Type III:
		PEX	Foil Faced Fiber Glass Insulation
		PEX	Foil Faced Thermal Acoustical Batts
HH-I-523C	Insulation Block and Pipe Covering, Thermal		Type I:
		REQ	**Thermo-12** Block Insulation

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Number	Title	*Code	J-M Product
HH-I-523C Continued			Type II: Classes A and B
		REQ	**Thermo-12** Pipe Insulation
		REQ	**Metal-On** Pipe Insulation
HH-I-526C	Insulating Board, Thermal (Mineral Fiber)		No product.
HH-I-530A	Insulation Board Thermal (Urethane)		No product.
HH-I-545B	Insulation, Thermal and Acoustical		Type I:
		PEX	**Linacoustic** Duct Liner
		PEX	**Microlite** Duct Liner
			Type II:
		PEX	**Linacoustic** R Plenum Liner Board
HH-I-558B Amd. 2	Insulating Blocks, Boards Blankets, Felts, Sleeving		Form A, Class 1:
		PEX	**Spin-Glas** 812, 814, 815, 817 Blankets
		PEX	**Spin-Glas** Board 1000 Series
			Form A, Class 2:
		PEX	**Spin-Glas** 814, 815, 817 Blankets
		PEX	**Spin-Glas** 830, 840, 860 Board
		PEX	**Spin-Glas** Board 1000 Series
			Form A, Class 3:
		PEX	**Spin-Glas** Board 1000 Series
			Form A, Class 4: No Compliance.
			Form A, Class 5:
		PEX	H.T. **Banroc** Block Insulation
			Form B, Class 6:
		PEX	**Spin-Glas** 812 Blanket
		PEX	**Microlite** Duct Insulation
		PEX	**Microlite** 'L' Insulation
		PEX	**Microlite** R-Series Duct Insulation
		PEX	**Spin-Glas** Board 1000 Series
			Form B, Class 7:
		PEX	**Spin-Glas** 814 Blanket
		PEX	**Spin-Glas** Board 1000 Series
			Form C, Classes 10 and 11: No compliance.
			Form D, Type III, Classes 12 and 13:
		PEX	**Micro-Lok** 650 (2" thickness and above)
HH-I-563	Mineral Wool Insulation		Cancelled. See HH-I-558B.
W-C-571B	Conduit and Fittings, Non Metal, Rigid; (Asbestos-Cement or Fire Clay Cement) (For Electrical Purposes)		Cancelled. See ASTM-C-875.
HH-I-573B	Flexible, Unicellular Sheet and Pipe Covering Insulation		Class T, Tubular:
		REQ	**Aerotube** and **Aerotube II** Pipe Insulation
			Class S, Sheet:
		REQ	**Aerotube** and **Aerotube II** Sheet Insulation

Number	Title	*Code	J-M Product
HH-R-590A	Roofing Felt (Asbestos, Asphalt Saturated)		Type I, Class A:
		PEX	Asbestos Finishing Felt
		PEX	**Blue Chip** Finishing Felt
			Type II, Class A:
		PEX	Asbestos Finishing Felt
		PEX	**Centurian** Asbestos Base Felt
			Type II, Class B:
		PEX	Asbestos Waterproofing Felt No. 15
HH-R-595B	Roofing Felt (Asphalt)	PEX	Asphalt Saturated Felt No. 15 & No. 30
SS-R-620B	Roofing Felt, Glass Fiber, Asphalt Coated	PEX	**GlasPly** Felt
HH-M-622C Amd. 2	Mortar Refractory Heat and Air Setting		No compliance.
SS-R-630D Inter. Amd.2	Roofing Felt Roll Asphalt-Prepared Mineral Surface		Class I:
		PEX	**Slatekote** Roll Roofing
			Class II:
		PEX	**Flexstone** Cap Sheet
			Class III:
		PEX	**Glas Kap** Felt
		PEX	**Kolor-Kap II Duplex** Roofing
			Class IV:
		PEX	**Slatekote Duplex** Roofing
HH-B-00675C	Insulating Fire Brick	REQ	Insulating Fire Brick 20, 23, 25, 26, 28, 1620 and 3000. (No Class for 32 Insulating Fire Brick)
SS-A-694D	Asphalt, Petroleum Roof Coating, Brushing Consistency	PEX	Roof and Foundation Coating
		PEX	**Topgard** Type F – Fibrated Coating
SS-A-701B	Asphalt Primer	PEX	Concrete Primer
MIL-I-742A	Fiber Glass, Marine Insulation	PEX	**Hullboard**

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Number	Title	*Code	J-M Product
MIL-I-742D	Fiber Glass, Marine Insulation	PEX	Incombustible **Hullboard**
		PEX	Incombustible **Hullboard** – Aluminum Foil-Faced
SS-B-755A	Building Board, Asbestos-Cement		Type F:
		PEX	Marine Veneer, Natural Gray
HH-I-1030A	Insulation, Thermal (Mineral Fiber) for Pneumatic or Poured Application		Type I:
		PEX	No. 1 Fiber Glass Blowing Wool
		PEX	No. 2 Fiber Glass Blowing Wool
SS-S-001534	Shingles, Asphalt Mineral Surfaced		Class A, Type I:
		PEX	Fiber Glass/3-Tab Shingle
		PEX	**Fire-Glass III** Shingle
		PEX	**Fire-King** Shingle
		PEX	**Fire-King** III Shingle
		PEX	**Rampart** Shingle
		PEX	Rustic **Rampart** Shingle
		PEX	**The Woodlands** Roof
			Class C, Type I:
		PEX	Standard **Seal-O-Matic** Shingle
		PEX	**The Highlands** Shingle
HH-P-1784 Int. Amd. 1	Paper, Asbestos	REQ	Asbestos Rollboard
MIL-B-2766B	Batting, Fibrous Glass, Life Saving Equipment	PEX	"A" Fiber Flotation Wool
MIL-I-2781E	Insulation, Pipe Thermal	REQ	**Thermo-12** Pipe Insulation (Manville and Long Beach Plants)
		REQ	**Metal-On** Insulation (Insulation only)
MIL-I-2818B	Insulation Blanket, Thermal, Fibrous Material		No product.
MIL-I-2819F	Insulation Block, Thermal		Classes 2 and 3:
		REQ	**Thermo-12** Block (Long Beach and Manville Plants)
MIL-C-2861	Cement, Insulation, High Temperature		No compliance.
MIL-P-2911 Amd. 1	Packing Assembly Hydraulic Conical and V-Types		Type I:
		REQ	405 **Conepac**
			Type II:
		REQ	405 **Sea Ring**
		REQ	405 V-Ring
MIL-R-3065C	Rubber, Fabricated Products		RN-430A:
		REQ	113 Natural Rubber Sheet
			RS-615:
		REQ	115 Rubber Diaphragm Sheet
			SB-615, A, B, E3, F2:
		REQ	127 Nitrile Rubber Sheet
			SC-415 A, B, E3, F2:
		REQ	126 Nitrile Rubber Sheet

Number	Title	*Code	J-M Product
			SC-405:
		REQ	103 Neoprene Rubber Sheet
			SC-505:
		REQ	111 Neoprene Rubber Sheet
			SC-605:
		REQ	104 Neoprene Rubber Sheet
			SC-705:
		REQ	112 Black Oil-Proof Rubber Sheet
			SC-710 A1, E3:
		REQ	106 Neoprene Diaphragm Sheet
		REQ	106 Neoprene Diaphragm Sheet
MIL-C-3133B (MIL-STD-670B)	Cellular Elastomeric Materials, Molded or Fabricated Parts		Grade SBE 3:
		REQ	**Aerotube** and **Aerotube** II Pipe Insulation
		REQ	**Aerotube** and **Aerotube** II Sheet Insulation
MIL-R-3472A Amd. 1	Roof Coating; Asphalt Base Emulsion-Fibrated	PEX	**Topgard** Type B — Fibrated-Coating
MIL-B-5924B Amd. 3	Batting, Insulation Glass Fibers		Type I:
		PEX	**Microlite** AA Insulation
			Types II, IIA, III and IIIA:
		PEX	**Microlite** B Insulation
MIL-R-6855C Amd. 1	Rubber, Synthetic, Sheets, Strips, Molded or Extruded Shapes		Class I, Grade 40:
		REQ	126 Nitrile Rubber Sheet
			Class I, Grade 60:
		REQ	127 Nitrile Rubber Sheet
MIL-C-7637B	Cloth, Coated, Asbestos		Type I:
		REQ	95 Firewall Sheet (1/16" only)
			Type II:
			No Compliance.
MIL-I-8776	Insulation Blankets, Thermal, Aerospace		Types I and II:
		REQ	**Thermoflex** Felt
			Note: Does not comply with MIL-I-8776A or B.

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Number	Title	*Code	J-M Product
MIL-A-7021C	Asbestos Sheet, Compressed		No compliance.
MIL-G-12803A	Gasket Material, Non-Metallic		No compliance.
MIL-I-13042A	Insulating Sleeving, Thermal, Tubular Flexible	REQ	Composition 1:1, 2, 3 Braided Commercial Grade Asbestos Tubing
MIL-A-15199	Adhesive, Asbestos, Cloth to Pipe, Insulation	PEX	Fibrous Adhesive
MIL-P-15280G	Plastic Material Unicellular (Sheets and Tubes)	REQ	Form T, Tubular: **Aerotube** II Pipe Insulation
		REQ	Form S, Sheet: **Aerotube** II Sheet Insulation
MIL-R-15624E	Rubber Gasket Material	REQ	Class III: 126 Nitrile Rubber Sheet
MIL-B-16008C Amd. 2	Insulating Fire Brick	REQ	25 Insulating Fire Brick
MIL-B-16305B	Insulating Fire Brick	REQ	Class A: 20 Insulating Fire Brick
		REQ	Class B: 28 Insulating Fire Brick
MIL-I-16411E	Insulation Felt, Thermal, Glass Fiber	PEX	**Glas-Mat** 1200 Blanket
MIL-I-17303C	Packing Material Plastic Metallic and Plastic Non-Metallic		No compliance.
MIL-P-17349	Packing Material, Rod, High Pressure, Asbestos		Cancelled.
MIL-A-17472B	Asbestos Sheet, Compressed		Cancelled. See HH-P-46.
MIL-G-17927A	Gaskets, Asbestos-Metallic Cover, Rubber Core	REQ	MX-2571 **Tadpole** Tape
MIL-P-18954 Amd. I	Packing Material, Nickel-Chromium-Iron Alloy Braided	REQ REQ	Class I: 2559 Metallic Groove Packing 3123 Metallic Groove Packing
MIL-F-18999C	Felt, Asbestos Pipe Line Coal Tar Saturated	PEX	**Transhield** Pipeline Felt
MIL-P-19468A	Plastic Rods, Polytetrafluoroethylene, Molded and Extruded		No product.
MIL-I-19663B	Cloth, Glass, Woven Roving, for Plastic Laminate		No product.
MIL-P-21099 Amd. 3	Packing Assemblies, Hydraulic Conical and V-Types	REQ	Type I: **446 Conepac**
		PEX	Type II: 446 V-Ring

Number	Title	*Code	J-M Product
MIL-I-22023C	Insulation Felt	PEX	Incombustible **Microlite**
		PEX	**Microlite** Duct Insulation
		PEX	**Spin-Glas** Board Series 1000
MIL-I-22344B	Insulation, Pipe, Thermal, Fibrous Glass	PEX	**Micro-Lok** 650 Insulation
		PEX	**Micro-Lok** 650 AP Insulation
		PEX	**Micro-Lok** 650 AP-T Insulation
		PEX	**Micro-Lok** 650 ML Insulation
MIL-I-23128A	Insulation Blanket, Thermal, Refractory Fiber, Flexible		Grade B:
		PEX	**Cerablanket**
MIL-A-24058	Asbestos Packing and Gasketing Material Impregnated		Types I, II, III: No product.
			Type IV: No compliance.
MIL-I-24244A Amd. 3	Insulation Materials, Thermal with Special Corrosion and Chloride Requirements		No Type:
		PEX	**Cerafelt** Combustion Chamber Kit
		PEX	**Glas-Mat** 1200
			Min-K, Flexible:
		PEX	Lightweight
		PEX	Medium Range
		PEX	High Temperature
		PEX	Standard
			Min-K, Molded
		PEX	(1301, 2000, TE1400)
		REQ	**Thermo-12** Pipe and Block Insulation (Waukegan)
			Type I:
		REQ	**Thermo-12** Pipe Insulation (Long Beach)
			Types 1A, 1C, 1D, 1E:
		REQ	**Thermo-12** Pipe Insulation (Manville)
			Types 3B, 3D:
		REQ	**Thermo-12** Block Insulation (Long Beach and Manville)
			Type 11B:
		PEX	**Cerablanket** Insulation
			Types 16A and 16B:
		PEX	**Spin-Glas** Board Series 1000

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Number	Title	*Code	J-M Product
MIL-P-24377	Asbestos Braided Impregnated with Teflon		No compliance.
MIL-C-27347	Cloth, Coated, Glass, Aluminum Face, Silicone Rubber Back	STD	Wall Penetration Seal.
MIL-P-28584	Fiber Glass Reinforced Plastic Pipe	STD	**Heat-Tite** Pipe
MIL-S-45005	Seal, Plain	REQ	H1/L5 **Clipper** Oil Seal
MIL-S-45351A	Seal, Engine Shroud	REQ	**Tadpole** Tapes
MIL-R-83248	Rubber, Fluorocarbon Elastomer, High Temperature		No compliance.

Number	Title	*Code	J-M Product
A-53	Welded and Seamless Steel Pipe	STD	Super **Temp-Tite** Pipe
		STD	**Heat-Tite** Pipe
B-88	Seamless Copper Water Tube	STD	Copper Core **Temp-Tite** Pipe
C-195	Mineral Fiber, Thermal Insulating Cement	REQ	Type III, Grade U: Cement 460
C-220	Building Board, Asbestos Cement	STD	Type F: **Flexboard** Sheet
		STD	Type U: **Asbestoboard** Sheet
C-296	Asbestos-Cement Pressure Pipe	STD	**Transite** Epoxy-Lined Pipe
		STD	**Transite** Pressure Pipe
C-401	Castable Refractories	REQ	Classes N and O: **Firelite** 2001
		REQ	Class Q: **Firelite** 2401
C-428	Asbestos-Cement Non-Pressure Sewer Pipe	STD	**Transite** Epoxy-Lined Pipe
		STD	**Transite** Non-Pressure Sewer Pipe
		STD	**Temp-Tite** Pipe for casing
C-449	Mineral Fiber Hydraulic-Setting, Thermal Insulating and Finishing Cement	REQ	Type III, Grade F: Cement 375
C-500	Asbestos-Cement Pipe Methods of Testing	STD	All **Transite** Pipes
C-508	Asbestos-Cement Perforated Underdrain Pipe	STD	**Transite** Underdrain Pipe
C-533	Calcium Silicate Block and Pipe Insulation	REQ	Type I: **Thermo-12** Pipe and Block Insulation
		REQ	**Metal-On** Pipe Insulation (Insulation only)
C-534	Preformed Flexible Elastomer Cellular Thermal Insulation	REQ	Type I, Tubular: **Aerotube** and **Aerotube** II Pipe Insulation
		REQ	Type II, Sheet: **Aerotube** and **Aerotube** II Sheet Insulation
C-541	Linings for Asbestos Cement Pipe	STD	Epoxy-Lined **Transite** Pipe
		STD	**Temp-Tite** Pipe
C-592	Mineral Fiber, Blanket Pipe Insulation Metal-Mesh Covered Industrial Type		No product.
C-612	Mineral Fiber Block and Board, Thermal Insulation		Classes 2, 3 and 4: No product.
		PEX	Class 5: HT **Banroc**
C-644	Asbestos-Cement Non-Pressure Small Diameter Sewer Pipe	STD	**Transite** Non-Pressure Small Diameter Sewer Pipe

Number	Title	*Code	J-M Product
C-656	Structural Insulating Board, Calcium Silicate		No compliance.
C-663	Asbestos-Cement Storm Drain Pipe	STD	**Transite** Storm Drain Pipe
C-668	Asbestos-Cement Transmission Pipe	STD	**Transite** Transmission Pipe
		STD	**Transite** "T" Pipe
C-720	Spray-Applied Fibrous Thermal Insulation for Elevated Temperature		No Product.
C-875	Asbestos-Cement Conduit and Fittings	STD	**Transite** Electrical Duct Conduit
D-41	Primer for Damp-Proofing and Waterproofing	PEX	Concrete Primer
D-224	Asphalt Roll Roofing (Organic Felt)	PEX	**Pilot** Roofing
D-225	Asphalt Shingle Surface with Mineral Granules	PEX	Standard **Seal-O-Matic** Shingle
		PEX	**The Highlands** Shingle
D-226	Asphalt Saturated Roofing Felt		Type I:
		PEX	Asphalt Saturated Felt No. 15
			Type II:
		PEX	Asphalt Saturated Felt No. 30
D-228	Asphalt Roll Roofing Cap Sheets and Shingles, Test Method	PEX	**The Highlands** Shingle
D-249	Asphalt Roll Roofing with Mineral Granules	PEX	**Duplex** Cement
		PEX	**Slatekote** Roll Roofing
D-250	Asphalt Saturated Asbestos Felts	PEX	Asbestos Finishing Felt Perforated
		PEX	Asbestos Waterproofing Felt, Unperforated
		PEX	**Blue Chip** Finishing Felt
		PEX	**Centurian** Asbestos Base Felt
D-1056	Flexible Cellular Materials, Latex Foam		SBE 41-42:
		REQ	**Aerotube** II Pipe Insulation
		REQ	**Aerotube** II Sheet Insulation
D-1170	Non Metallic Gasket Material for General Automotive and Aeronautical Purposes		Type P3313B:
		REQ	711 Seigelite Plant Fiber Sheet

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Number	Title	*Code	J-M Product
D-1170 Continued			
			Type P1141A:
		REQ	78 Compressed Asbestos Sheet
			Type P1151A:
		REQ	70C Compressed Asbestos Sheet
		REQ	76 Compressed Asbestos Sheet
			Type P1161A:
		REQ	60 Compressed Asbestos Sheet
		REQ	61 Compressed Asbestos Sheet
		REQ	70 Compressed Asbestos Sheet
D-1227	Roof Coating, Asphalt Base Emulsion-Fibrated		Type I:
		PEX	**Topgard** Type B – Fibrated-Coating
D-1330	Sheet Rubber Gaskets		
			Class I:
		REQ	107 Red Rubber Sheet
			Class II:
		REQ	107 Red Rubber Sheet
		REQ	109 Cloth-inserted Rubber Sheet
		REQ	110 Black Rubber Sheet
D-1457	TFE Fluorocarbon Resin Molding and Extrusion Materials	STD	Super **Temp-Tite** End Gasket
D-1598	Long Term Hydrostatic Pressure, Test for Plastic Pipe	STD	PVC Water Pipe
		STD	**Kool-Kore** Pipe
D-1599	Short Time Rupture Test of Plastic Pipe, Tubing and Fittings	STD	PVC Water Pipes and Fittings
		STD	**Kool-Kore** Pipe
D-1668	Woven Glass Fabrics for Use in Waterproofing		Type I:
		REQ	931 **Duramesh**
		REQ	941 **Duramesh**
			Type II:
		REQ	932 **Duramesh**
		REQ	942 **Duramesh**
			Type III:
		REQ	205 **Duramesh**
		REQ	206 **Duramesh**
D-1784	PVC Compounds, Rigid and Chlorinated	STD	Copper Core **Temp-Tite** Pipe
		STD	**Kool-Kore** Pipe, Core and Casings
		STD	PVC Pressure Pipe
		STD	PVC Solvent Weld Pipe
D-1869	Rubber Rings for Asbestos-Cement Pipe	STD	Rubber Rings for **Transite** and **Permastran** Pipe Products
D-2000	Rubber Products in Automotive		
			2BC-405, A14:
		REQ	103 Neoprene Rubber Sheet
			2BC-505, A14:
		REQ	111 Neoprene Rubber Sheet

Number	Title	*Code	J-M Product
			3BC-605, A14:
		REQ	104 Neoprene Rubber Sheet
			3BC-705, A14:
		REQ	112 Black Oil-Proof Rubber Sheet
			3BC-710, A14:
		REQ	105 Neoprene Diaphragm Sheet
			3BC-710, A14, E34:
		REQ	106R Neoprene Diaphragm Sheet
			4AA, 430, A13:
		REQ	113 Natural Rubber Sheet
			5BG-415, A14, B14, E34, F19:
		REQ	126 Nitrile Rubber Sheet
			5BG-615, A14, B14, E34, F19:
		REQ	127 Nitrile Rubber Sheet
			AA805:
		REQ	107 Red Rubber Sheet
D-2178	Absolute Viscosity of Asphalts		Type III:
		PEX	**GlasPly** Felt
D-2241	PVC Plastic Pipe (SDR-PR)	STD	PVC Class Water Pipe
		STD	PVC Pressure Pipe
D-2321	Underground Installation of Flexible Thermo-Plastic Sewer Pipe	STD	PVC Sewer Pipe
D-2626	Asphalt Base Sheet		Type I:
		PEX	**Planet** Base Felt
		PEX	**Service** Roofing
		PEX	Smooth **Duplex** Roofing
D-2822	Asphalt Roof Cement	PEX	**Asbestile** Cement
		PEX	Industrial Roof Cement
		PEX	Black Plastic Cement
D-2996	Filament Wound Reinforced Thermosetting Resin Pipe	STD	**Permastran** Pipe

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D-3018	Class A Asphalt Shingles Surfaced with Mineral Granules		Type I:
		PEX	Fiber Glass/3-Tab Shingle
		PEX	**Fire-Glass** III Shingle
		PEX	**Fire-King** Shingle
		PEX	**Fire-King** III Shingle
		PEX	**Rampart** Shingle
		PEX	Rustic **Rampart** Shingle
		PEX	**The Woodlands** Shingle
D-3019	Lap Cement for Use with Asphalt Roll Roofing	PEX	Lap Cement
D-3033	Type PSP Poly (Vinyl Chloride) (PVC) Sewer Pipe and Fittings		No product.
D-3034	Type PSM Poly (Vinyl Chloride) (PVC) Sewer Pipe and Fittings	STD	PVC Gravity Sewer Pipe SDR-35
D-3139	Joints for Plastic Pressure Pipes Using Flexible Elastomeric Seals	STD	PVC Water Pipe
D-3161	Wind-Resistance of Asphalt Shingles	PEX	Fiber Glass/3-Tab Shingle
		PEX	**Fire-Glass** III Shingle
		PEX	**Fire-King** Shingle
		PEX	**Fire-King** III Shingle
		PEX	**Rampart** Shingle
		PEX	Rustic **Rampart** Shingle
		PEX	**The Woodlands** Shingle
D-3212	Joints for Drain and Sewer Plastic Pipes Using Flexible Elastomeric Seals	STD	PVC Gravity Sewer Pipe and Fittings
D-3378	Asbestos Base Sheet, Built-Up Roofs	PEX	Coated Asbestos Base Felt
D-3462	Asphalt Shingles made from Glass Mat and Surfaced with Mineral Granules	PEX	Fiber Glass/3-Tab Shingle
		PEX	**Fire-Glass** III Shingle
		PEX	**Fire-King** Shingle
		PEX	**Fire-King** III Shingle
		PEX	**Rampart** Shingle
		PEX	Rustic **Rampart** Shingle
		PEX	**The Woodlands** Roof
E-84	Fire Test Surface Burning Characteristics of Building Materials		Many J-M products are tested in accordance with ASTM-E-84 "tunnel test". See data sheets for ratings.
E-108	Fire Tests of Roof Coverings	PEX	Standard **Seal-O-Matic** Shingle
		PEX	**The Highlands** Shingle
		PEX	Fiber Glass/3-Tab Shingle
		PEX	**Fire-Glass** III Shingle
		PEX	**Fire-King** Shingle
		PEX	**Fire-King** III Shingle
		PEX	**Rampart** Shingle

Number	Title	*Code	J-M Product
		PEX	Rustic **Rampart** Shingle
		PEX	**The Woodlands** Roof
		PEX	**Slatekote Duplex** Roofing
		PEX	**Slatekote** Roll Roofing
		PEX	**Kolor-Kap II Duplex** Roofing
		PEX	**Blak-Kap Duplex** Roofing
F-104	Non-Metallic Gasket		No compliance. (ASTM-D-1170 is preferred for compliance.)
F-477	Elastomeric Seals (Gaskets) for Joining Plastic Pipe	STD	Rubber Rings for Plastic Pipes

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Other Specifications

Other Specifications

Number	Title	*Code	J-M Product
Aerospace Material Standard (AMS)			
AMS-3232J	Asbestos and Synthetic Rubber Sheet	REQ REQ	76 Compressed Asbestos Sheet 78 Compressed Asbestos Sheet
American Association of State Highway and Transportation Officials (AASHTO)			
M-189	Asbestos-Cement Perforated Underdrain Pipe	STD	**Transite** Underdrain Pipe
M-217	Asbestos-Cement Pipe for Culverts and Storm Drains	STD	**Transite** Storm Drain Pipe
American National Standards Institute (ANSI)			
B31.1	Power Piping	STD STD	**Heat-Tite** Pipe Super **Temp-Tite** Pipe
American Society for Sanitary Engineering (ASSE)			
		STD	Atmospheric Vacuum Breaker Models 710 and 715
		STD	Double Check Valve Assembly Model 805
		STD	Pressure Vacuum Breaker Assembly Models 765 and 775
		STD	Pressure Vacuum Breaker Head Model 775
		STD	Reduced Pressure Backflow Preventer Model 825
		STD	Reduced Pressure Backflow Preventer Model 835
American Telephone and Telegraph (AT&T)			
AT-8546	Plastic Conduit Specification	STD	PVC Telephone Conduit
American Water Works Association (AWWA)			
AWWA-C-203	Coal-Tar Protective Coatings and Linings for Steel Water Pipelines Enamel and Tape, Hot Applied	STD STD STD	**Blue Flag** Pipe Wrap **Transhield** Pipeline Felt **Duratape** Types W-800B and W-900B
AWWA-C-400	Asbestos Cement Distribution Pipe	STD STD STD	**Transite** Pressure Pipe **Transite** Epoxy-Lined Pipe **Temp-Tite** Pipe
AWWA-C-401	Selection of Asbestos-Cement Distribution Pipe	STD STD	**Transite** Pressure Pipe **Transite** Epoxy-Lined Pipe
AWWA-C-402	Asbestos-Cement Transmission Pipe	STD STD	**Transite** Transmission Pipe **Transite** Epoxy-Lined Pipe
AWWA-C-403	Selection of Asbestos-Cement Transmission Pipe	STD	**Transite** Transmission Pipe
AWWA-C-506	Backflow Prevention Devices	STD STD	Double Check Valve Assembly Model 805 Reduced Pressure Backflow Preventer Models 825 and 835
AWWA-C-900	PVC Pressure Pipe for Water	STD	PVC Class Water Pipe

Number	Title	*Code	J-M Product
Asphalt Institute			
CS-96 Sect. M-1	Asphalt Protective Coatings for Pipe Lines	STD	**Duramat** Types 240 and 240M
Building Officials and Code Administrators International (BOCA)			
76-61	Johns-Manville Roof Drain	STD	**Flex-I-Drain**
Canadian Government Specifications Board (CGSB)			
34-GP-1M	Asbestos-Cement Pressure Pipe	STD	**Transite** Pressure Pipe
34-GP-9M	Asbestos-Cement Sewer Pipe	STD	**Transite** Non-Pressure Sewer Pipe and Fittings
34-GP-10M	Asbestos-Cement Industrial Vent Pipe	PEX	**Transite** Air-Vent Duct
34-GP-11	Asbestos-Cement Flue Pipe		No product.
34-GP-22M	Standard for Pipe, Asbestos-Cement, Drain	STD	Type I: Soil Pipe, 8″-24″
		STD	Type II: Soil Pipe, 3″-24″
34-GP-23M	Asbestos-Cement House Connection	STD	**Transite** Non-Pressure Sewer Pipe and Fittings
51-GP-2b	Thermal Insulation (Hydrous Calcium for Piping, Machinery and Boilers)	STD STD	**Thermo**-12 Block Insulation **Thermo**-12 Pipe Insulation
51-GP-6M	Cement-Insulating	STD	Cement 460
51-GP-7MP	Finishing Cement	STD	Cement 375
51-GP-9M	Thermal Insulation, Mineral Fiber, Sleeving for Piping and Round Ducting	STD	**Micro-Lok** 650 Insulation
51-GP-10M	Thermal Insulation, Mineral Fiber, Block or Board for Ducting, Machinery and Boilers	STD	**Spin-Glas** 800 Series Flexible and Non-Flexible Blankets

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Canadian Government Specifications Board (CGSB) Continued			
51-GP-11M	Thermal Insulation, Mineral Fiber, Blanket for Piping, Ducting, Machinery and Boilers	STD STD	**Microlite** Plain **Microlite** Standard Duct Insulation
51-GP-40M	Thermal Insulation, Flexible Elastomeric Unicellular, Sheet and Pipe Covering	STD	Type I: **Aerotube** and **Aerotube II** Pipe Insulation
		STD	Type II: **Aerotube** and **Aerotube II** Sheet Insulation
51-GP-52M	Vapour Barrier, Jacket and Facing Material for Pipe, Duct and Equipment Thermal Insulation		No product.
51-GP-53M	Jacketing, Polyvinyl Chloride Sheet for Insulating Pipes, Vessels and Round Ducts		No product.
Canadian Standards Association (CSA)			
A-101-1975 Supp. No 1-1977	Mineral Fiber Thermal Building Insulation		Type 1A:
		STD	Friction Fit Batts
		STD	**Handi-Pak** Rolls
			Type 1B:
		STD	Vapor Barrier Backed Batts
		STD	Vapor Barrier Backed Rolls
			Type II:
		STD	Pouring Insulation
B127.1-M	Components for Use in Asbestos-Cement Drain, Waste and Vent Systems	STD	Soil Pipe
B127.2-M	Components for Use in Asbestos-Cement Building Sewer Systems	STD	**Transite** Non-Pressure Small Diameter Sewer Pipe and Fittings
B137.3	Rigid Poly (Vinyl Chloride) (PVC) Pipe for Pressure Applications	STD	PVC Pressure Pipe and Fittings
B182.1-M	Plastic Drain and Sewer Pipe and Pipe Fittings	PEX STD	PVC Ring-Tite Plastic Municipal Stub Sewer 4" & 6" PVC Building Sewer Pipe and Fittings 4" & 6" (In U.S. identified as PVC Gravity Sewer Pipe)
G22.2 No. 135	Asbestos-Cement Conduit	PEX	**Transite** Electrical Duct and Fittings
Central Mortgage and Housing Corporation (Canada) (CMHC)			
Acceptance No. 6281		STD	**Handi-Pak** Rolls
		STD	Vapor Barrier Backed Batts
		STD	Vapor Barrier Backed Rolls
Acceptance No. 6354		STD	Pouring Insulation

Number	Title	*Code	J-M Product
Department of Transportation (DOT)			
571.302	Test for Flammability Standard for Interior Components	REQ	Floor Insulation (Automotive)
		REQ	Van Engine Housing Insulator
		REQ	**Topliner** Headliner
Factory Insurance Association (FIA)			
		STD	**Permastran** Pipe
		STD	PVC Class Water Pipe
		STD	**Transite** Pressure Pipe
Factory Mutual (FM)			
		STD	**Fesco** Board Roof Insulation
		STD	**Fesco-Foam** Roof Insulation
		STD	**Permastran** Pipe
		STD	PVC Class Water Pipe
		STD	**Transite** Pressure Pipe
Federal Housing Authority (FHA)			
Materials Release 893	Rigid Vinyl Siding	STD	**Driftgrain** Vinyl Siding
		STD	Smooth Rigid Vinyl Siding
Materials Release 44e	Asbestos-Cement Air-Vent Duct	STD	**Transite** Air-Vent Duct
General Services Administration, Public Building Service (GSA)			
PBS-4-0975	Asphalt Plank	STD	**Dura-Tred** Plank

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Number	Title	*Code	J-M Product
International Association of Plumbing and Mechanical Officials (IAPMO)			
		STD	Atmospheric Vacuum Breaker Models 710 and 715
		STD	Double Check Valve Assembly Models 792 and 805
		STD	Pressure Vacuum Breaker Assembly Models 765 and 775
		STD	Pressure Vacuum Breaker Head Model 775
		STD	Reduced Pressure Backflow Preventer Models 825 and 835
		STD	**Flex-I-Drain** Flexible Roof Drain
International Conference of Building Officials (ICBO)			
Report No. 3134P	Johns-Manville Rigid Vinyl Siding	STD	**Driftgrain** Vinyl Siding
		STD	Smooth Rigid Vinyl Siding
Report No. 3236	Johns-Manville Roof Drain	STD	**Flex-I-Drain**
Maritime Administration (MA)			
32-MA-3C	Fiber Glass Marine Insulation		Classes 1, 2, 3, 4 and 5:
		PEX	Incombustible **Microlite**
32-MA-5B	Panel: Ceiling, Covered Surfaces, Inorganic, Incombustible	REQ	Marine Veneer Natural Gray (Waukegan only)
National Association of Corrosion Engineers (NACE)			
T-2J	Specifications for Fibrous Glass, Reinforcing-Type Underground Pipe Wrap	STD	**Blue Flag** Pipe Wrap
T-2J	Specification for Bituminous Saturated Glass Pipe Wrap	STD	**Duramat** Types 240 and 240M
T-2J	Specifications for Asbestos Pipeline Felt	STD	**Transhield** Pipeline Felt
T-2J	3/16″ Thick Pipeline Padding	STD	**Rock Shield** Board
National Bureau of Standards, Voluntary Products Standard (NBS)			
PS-55-72	Rigid Poly (Vinyl Chloride) (PVC) Plastic Siding	STD	**Driftgrain** Vinyl Siding
		STD	Smooth Rigid Vinyl Siding
National Environmental Systems Contractors Association (NESCA)			
Type 5 Standard	Method of Installation **Transite** Duct	STD	**Transite** Air-Vent Duct

Number	Title	*Code	J-M Product
National Fire Protection Agency (NFPA)			
90A	Air Conditioning and Ventilating Systems	REQ	**Exact-O-Mat** Insulation
		REQ	**Linacoustic** Duct Liner
		STD	**Micro-Aire** M/F Duct Board Types 475 and 800
		REQ	**Microlite** Duct Liner
		REQ	**Microlite** R-Series Duct Insulation
		REQ	**Spin-Glas** 800 Series Blanket and Board
		REQ	**Therm-Lock** Closure Strip with ABI
		REQ	**Tuf-Skin** Blanket
90B	Warm Air Heading and Air Conditioning Systems	STD	**Micro-Aire** M/F Duct Board Types 475 and 800
		REQ	**Microlite** R-Series Duct Insulation
		REQ	**Spin-Glas** 800 Series Blanket and Board
		REQ	**Therm-Lock** Closure Strip with ABI
National Regulatory Commission Nuclear Regulatory Guide (NRG)			
1.36	Insulations for Use Over Austenitic Stainless Steel	REQ	**Thermo-12** Pipe Insulation
		REQ	**Thermo-12** Block Insulation
National Regulatory Commission Reactor Development Technology (RDT)			
RDT-M12-1T	Thermal Insulating Materials for Use Over Austenitic Stainless Steel	REQ	**Cerablanket** Insulation
		REQ	**Cerafelt** Fiber Felt
		REQ	**Thermo-12** Block Insulation
		REQ	**Thermo-12** Pipe Insulation
RDT-M12-2T	Calcium Silicate Block and Pipe Thermal Insulation	REQ	**Thermo-12** Block Insulation
		REQ	**Thermo-12** Pipe Insulation
RDT-M12-3T	Mineral Fiber Hydraulic Setting Thermal Insulating And Finishing Cement		No compliance.
RDT-M12-4T	Reflective Insulation		No product.
RDT-M12-5T	Thermal Insulation Flexible or Molded, High Temperature, Low Conductivity	REQ	Flexible **Min-K** Standard
		REQ	Flexible **Min-K** High Temperature
RDT-M12-6T	Mineral Fiber Thermal Insulation, High Temperature, Rigid, Flexible or Loose Fill		No product.

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New York Fire Department			
Cert. of Approval 2224		REQ	Black Plastic Cement
		REQ	**Duplex** Cement
		REQ	Lap Cement
		REQ	**Regal** Roof Coating
		REQ	Roof and Foundation Coating
		REQ	**Kolor-Kap II Duplex** Roofing
Society of Automotive Engineers (SAE)			
SAE-J90a	Non-metallic Gasket Materials for General Automotive Purposes		Type P1141A:
		REQ	78 Compressed Asbestos Sheet
			Type P1151A:
		REQ	70C Compressed Asbestos Sheet
		REQ	76 Compressed Asbestos Sheet
			Type P1161A:
		REQ	60 Compressed Asbestos Sheet
		REQ	61 Compressed Asbestos Sheet
		REQ	70 Compressed Asbestos Sheet
			Type 3313B:
		REQ	711 **Seigelite** Plant Fiber Sheet
SAE-J200	Class System for Elastomeric Materials for Automotive Applications		See ASTM-D-2000.
Soil Conservation Service (SCS)			
SCS-430EE	Low Pressure Underground Plastic Pipe	STD	PVC PIP Irrigation Pipe
SCS-432B	Asbestos-Cement Irrigation Pipe	STD	**Transite** "T" Pipe
		STD	**Transite** Type 5 Irrigation Pipe
Southern Building Code Congress (SBCC)			
		STD	Atmospheric Vacuum Breaker Models 710 and 715
		STD	Double Check Valve Assembly Models 792 and 805
		STD	Pressure Vacuum Breaker Assembly Models 765 and 775
		STD	Pressure Vacuum Breaker Head Model 775
		STD	Reduced Pressure Backflow Preventer Models 825 and 835
		STD	**Flex-I-Drain** Flexible Roof Drain
Underwriter's Laboratory (UL)			
		STD	All Lighting Luminaires with exception of Expressway and RSL
		REQ	Asphalt Saturated Felts No. 15 and No. 30
		REQ	**Cera Form** Combustion Chamber Kit
		REQ	**Cerad** Insulation
		STD	Double Check Valve Assembly Model 805 (3" thru 10")

Number	Title	*Code	J-M Product
		REQ	**Duxseal** Compound
		REQ	**Exact-O-Board** Insulation
		REQ	**Exact-O-Mat** Insulation
		REQ	**Fesco** Board Roof Insulation
		REQ	**Fesco-Foam** Roof Insulation
		REQ	**Fiber Grip** Mechanical Closure Strip
		STD	**Flexboard** Sheet (normal cure only)
		REQ	**Kolor-Kap II Duplex** Roofing
		STD	**Micro-Aire** FS/J Duct
		STD	**Micro-Aire** HV-3 Rigid Round Duct
		STD	**Micro-Aire** M/F Duct Board Types 475 and 800
		STD	**Micro-Aire** J/FLX Duct
		STD	**Micro-Aire** Rigid Round Duct
		REQ	**Microlite** R-Series Duct Insulation
		REQ	**Permastran** Pipe
		REQ	PVC Class Water Pipe
		STD	Reduced Pressure Backflow Preventer Model 825 (3″ thru 10″)
		REQ	**Regal** Roof Coating
			Roofing Shingles, Class A Fire Resistance Rating:
		STD	Fiber Glass/3-Tab
		STD	**Fire-Glass**
		STD	**Fire-King**
		STD	**Fire King III**
		STD	**Rampart**
		STD	Rustic **Rampart**
		STD	**The Woodlands** Roof
			Roofing Shingles, Class C Fire Resistance Rating:
		STD	Standard **Seal-O-Matic**
		STD	**The Highlands**
			Roofing Shingles, Wind Resistance:
		PEX	Fiber Glass/3-Tab Shingle
		PEX	**Fire-Glass III** Shingle
		PEX	**Fire-King** Shingle
		PEX	**Fire-King III** Shingle
		PEX	**Rampart** Shingle
		PEX	Rustic **Rampart** Shingle
		PEX	**The Woodlands** Roof
		STD	Standard **Seal-O-Matic**
		STD	**The Highlands**
		REQ	**Slatekote Duplex** Roofing
		REQ	Slatekote Roofing
		REQ	**Spin-Glas** Equipment Insulation

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Underwriter's Laboratory (UL) Continued		REQ	**Therm-Lock** Closure Strip with ABI
		STD	**Transite** Air-Vent Duct
		REQ	**Transite** Pressure Pipe
		REQ	**Tuf-Skin** Blanket
		STD	Water Heater Insulation Kit
Underwriter's Laboratory of Canada (ULC)			
CR 924		STD	**Micro-Lok** 650 Insulation
To be assigned		STD	**Microflex** Insulation
		STD	**Permastran** Pipe (No Canadian product)
		STD	PVC Class Water Pipe
Uni-Bell Plastic Pipe Association			
UNI-B-1-76	Thermoplastic Pipe Joints Pressure and Non-Pressure Application	STD	PVC Sewer Pipe PVC Water Pipe
UNI-B-2-72	PVC Municipal Water Mains		Cancelled. See AWWA-C-900.
UNI-B-3-76	Installation of Polyvinyl Chloride (PVC) Pressure Pipe (Complying with AWWA-C-900)	STD	PVC Class Water Pipe
UNI-B-4-76	Polyvinyl Chloride (PVC) Plastic Gravity Sewer Pipe and Fittings	STD	PVC Sewer Pipe
UNI-B-5-77	Installation of Polyvinyl Chloride (PVC) Sewer Pipe	STD	PVC Sewer Pipe
United States Coast Guard (USCG)			
USCG-164.008	Specification for Bulkhead Panels		Certificate No. of Approval: 90/0:
		REQ	**Marinite** XL Insulation Panel
USCG-164.009	Incombustible Materials For Merchant Vessels		13/0:
		REQ	**Transite** Flat Sheet
			32/0:
		REQ	**Thermoflex** Felt (4 pcf)
			72/3:
		REQ	Incombustible **Microlite**
			92/0:
		REQ	Incombustible **Hullboard**
			141/0:
		REQ	Incombustible **Hullboard** Aluminum Foil-Faced
			163/0:
		REQ	**Thermo-12** Block Insulation
		REQ	**Thermo-12** Pipe Insulation

Number	Title	*Code	J-M Product
			166/0:
		REQ	375 Cement
			167/0:
		REQ	460 Cement
			172/0:
		REQ	**Hullinsul**
			189/0:
		REQ	**Spin-Glas** Board 1000 Series
United States Navy (USN)			
TS-07310		PEX	**Fire-King** Shingle
		PEX	**Fire-King III** Shingle
		PEX	**Rampart** Shingle
		PEX	Rustic **Rampart** Shingle
		PEX	Standard **Seal-O-Matic**
		PEX	**The Highlands** Shingle
TS-07510		PEX	Asbestos Finishing Felt
		PEX	Asphalt Saturated Felt No. 15
		PEX	**Centurian** Asbestos Base Felt
		PEX	Special Coated Asbestos Base Felt
University of Southern California, Foundation for Cross Connection Control and Hydraulic Research			
USC-FCCC&HR		STD	Atmospheric Vacuum Breaker Models 710 and 715
		STD	Double Check Valve Assembly Model 805
		STD	Pressure Vacuum Breaker Assembly Models 765 and 775
		STD	Pressure Vacuum Breaker Head Model 775
		STD	Reduced Pressure Backflow Preventer Model 825 (except 10")
		STD	PVC Class Water Pipe

*Letter code indicates degree of compliance at time of publication. Confirmation of current compliance must be obtained from the sales responsibility.

STD Standard product complies with (Specification Number). *If certification is required it must be requested on purchase order and acknowledged by J-M.*

REQ Compliance with, and/or certification to, (Specification Number), *can be furnished only when requested on purchase order and acknowledged by J-M.*

PEX Compliance with, and/or certification to, (Specification Number), *subject to possible exception(s), can be furnished only when requested on purchase order and acknowledged by J-M.*

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U.S. Regional Sales Offices

Northeastern Region
P.O. Box 1544
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(201) 894-1111

Southeastern Region
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Atlanta, GA 30302
(404) 449-3300

North Central Region
P.O. Box 517
Toledo, OH 43693
(419) 878-8111

Midwestern Region
2222 Kensington Court
Oakbrook, IL 60521
(312) 887-7400

Western Region
2600 Campus Drive
San Mateo, CA 94403
(415) 349-9500

Other U.S. Sales Locations

Arlington, VA 22209
Corporate Marketing Services
1600 Wilson Boulevard
Suite 705
(703) 524-9250

Dallas, TX 75229
P.O. Box 29729
(214) 631-3860

Denison, TX 75020 (Pipe)
Highway 75 North
(214) 465-6390

Denver, CO 80217
P.O. Box 5771
(303) 773-2400

Ft. Worth, TX 76107 (RPMD)
P.O. Box 9457
(817) 335-3205

Ft. Worth, TX 76107 (BSD)
P.O. Box 9840
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Fresno, CA 93708 (ISD/Ag-Turf)
P.O. Box 232
(209) 442-8511

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770 Kapiolani Bldg., Room 513
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Houston, TX 77001
P.O. Box 1355
(713) 869-4881

Richmond, VA 23228 (Hamilton)
7400 Ranco Road
(804) 262-4093

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Railroad Friction Products Corp. (RFPC)
WABCO
(412) 271-1490

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Edmonton, Alberta T6B 2L7
9328 - 49th St.
(403) 432-1133

Montreal, P.Q. J4T 3H8
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