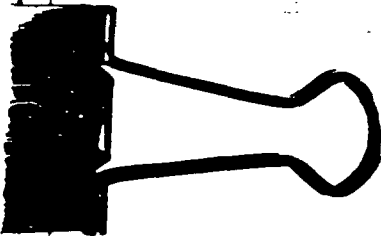




Product Dictionary

Prepared by
Corporate Relations Department
Johns-Manville

Shimberg No. 6113
**PLAINTIFF'S
EXHIBIT**
WH-843



A

- PK "A" Cup. See Molded Packing Cups.
- PK A-N "U" Cups. A series of "U" Cups made to Army-Navy Drawing AN-6226; used as rod and piston packings in hydraulic and pneumatic reciprocating applications.
- IN A.R.P.-40. Asbestos-reinforced plastic used as the facing of MIN-KLAD INTERLOK and in other aircraft and missile applications; when furnished in tape form, called A.R.P. Tacky Tape.
- AEP Access Ceilings. A range of ceiling tiles and panels which can be used for access with either concealed, semi-concealed or exposed grid system.
- P Accessories, Pipe. Materials used in conjunction with pipe for any given service. Includes tools and install-materials. See Pipe-Fittings and Accessories.
- AEP ACE. The group name for those products manufactured by the asbestos cement extrusion process (ACE process) developed by J-M. Some of those products are: ACE Stone, COLORSIL, CORSPAN and FACESPAN.
- AEP ACE STONE. Exterior window sills furnished in four sizes: a 5" and 5-3/4" wide Standard Sloped Sill with a front thickness of 1" and rear thickness of 1-3/4", in lengths to 8'; a 5" and 5-3/4" wide Jumbo Sloped Sill with a front thickness of 2" and rear thickness of 2-3/4", in lengths to 12'.
- AEP Acid Resisting Flooring Block. See Industrial Flooring Block.
- AEP Acoustical Batts. See Thermal-Acoustical Batts.
- AEP Acoustical Materials. Products for noise quieting, acoustical correction and the control of sound. See Acoustical Batts; ACOUSTI-CLAD; ACOUSTI-SHELL, FIREDIKE; MICROBAN; MICROLITE Blankets; PARTICLE-GARD LPC FIREDIKE; PERMACOUSTIC; PROFILE; SPANACOUSTIC; SPANCORE; SPINTONE; TEMPER-TONE; TENU-TONE; Thermal-Acoustical Batts; TRANSITE Acoustical Panels.
- IN Acoustical TOPLINER. A molded glass fiber, snap-in liner for automobile ceilings; cuts sun's heat and road noise and provides safety cushioning; includes glass fabric surface.
- AEP ACOUSTI-CLAD. An acoustical ceiling tile consisting of a rigid sound-control core plus a factory-applied facing of a minimum. Furnished 12" x 12" in a choice of four colors: gold, silver, copper and white. Available in four patterns: Regular, Diagonal, Random and Delta. Can be either cemented or suspended in place.
- AEP ACOUSTI-CLAD FIREDIKE. ACOUSTI-CLAD ceiling tile using a time-temperature rated FIREDIKE core. See ACOUSTI-CLAD.
- AEP ACOUSTI-CLAD P. ACOUSTI-CLAD ceiling tile using a non-combustible perlite core with high moisture resistance. See ACOUSTI-CLAD.
- AEP ACOUSTI-CLAD TL (Transmission Loss). ACOUSTI-CLAD ceiling tile using a non-combustible mineral fiber core with high sound attenuation value.
- AEP ACOUSTI-SHELL. 3-dimensional fiber glass "lay-in" acoustical ceiling units. Available in a textured surface vault shape painted white and a textured surface inverted coffer shape painted white. The standard vault size is 24" x 24" with a 2" depth; the 48" x 48" vault shape has a 3" depth and a 24" x 24" and 24" x 48" coffer shape are available with the 3-dimensional depth of 1" turned into the room. Provide unusual decorative possibilities and efficient acoustical properties. Rated Class A Incombustible.
- AEP (Acoustone). Compet. to J-M PERMACOUSTIC.
- CP Acrylic Coating. A decorative weather-resistant factory applied coating system; a combination of pre-treatment primer and thermoplastic acrylic resin topcoat, heat fused to striated TRANSITILE sheet and accessory products.
- BP (Aerocor). Compet. to J-M Fiber Glass product.

IN AEROTUBE. A foamed-plastic tubular pipe and sheet insulation for use at temperature from zero to 220F; its closed-cell structure seals against moisture.

IN AERTITE Coating. An asphalt-asbestos coating for troweling over the outside of boiler walls; is moisture-resistant and has insulating value.

IN Aggregate. See L. W. Aggregate.

PK Air Cushion "U" Cup. See Type "U" Cup.

P Air Duct, TRANSITE. Pipe for underground distribution of warm and/or cool air in air heating or heating-cooling systems. TRANSITE Air Duct, an asbestos-cement duct, is a type S duct as classified by National Warm Air and Air Conditioning Assoc.

IN See MICRO-AIRE Duct.

IN Air Set Cement. Used in back-up insulation for setting brick or shallow patching; sets hard within 24 hours.

BP AIRACOUSTIC. Sound-absorbing material in sheet form made from rock wool; helps reduce noise in ventilating ducts.

IN Aircell Insulation. General name for an insulation fabricated in a cellular structure from asbestos paper. See J-M trademark ASBESTOCEL.

IN ALBASEAL. See Sealing Compounds.

RBP All Purpose Insulation. A fiber glass home insulation ideal for the home handyman; comes in 100' long, 1" thick, 24" wide rolls.

IN (Alltemp). Compet. to J-M THERMOBESTOS.

PK Aluminized Asbestos Cloth. Made by laminating 0.0004" thick aluminum foil to an asbestos cloth backing; effective in reflecting 90% of all radiant heat. See Asbestos Cloth.

AEP Aluminum Roof Coatings. Fibrated and highly reflective finish that protects roofs; keeps building interiors cooler. Applied by brush or heavy-duty spray equipment.

RBP Aluminum Wrapped Blankets. See Fiber Glass Home Insulation.

FM (American Brake Block) Division of ABEX. Compet. to J-M friction materials.

RBP AMERICAN COLONAL. A rigid mineral fiber roof shingle with a staggered but perfect; complete double-coverage; Class "A" label available.

P (Amerivent). Compet. to J-M TRANSITE Gas Vent.

PK (Anchor Packing Co.). Compet. to J-M packing line.

CP ANTI-SWEAT. A pipe covering for use from 32F to 100F to keep cold water cold and prevent damage from condensation.

PK AQUA. A hydraulic piston packing made from laminations of white rubber and duck; also used as packing against extremely hot and cold water and oil.

AEP AQUADAM Cement. Waterproofing material used in the construction of built-up roofs.

CEL (Aquafl). Compet. to J-M CELITE.

RBP AQUAPATCH. An asphaltic roof cement reinforced with asbestos fiber; for use in patching wet surfaces.

PK AQUASEAL. Waterproof joint-sealing compound for threaded or gasketed joints; insoluble in water.

AEP Architectural COLORLITH. See COLORLITH

IN (Armaflex). Compet. to J-M AEROTUBE Insulation.

AFD ASBALTIC. A grade of asbestos fiber milled for asphalt paving applications; sold by Asbestos Fibre Division.

PK ASBESTAN Clip Cushions. Wire-inserted, Teflon* impregnated asbestos fabric; used on aircraft as vibration-damping covers for tube clamps; handles services to 500F.

*DuPont Trademark

PK ASBESTICA. A silica impregnated cable wrapping tape recommended for fireproofing and insulating electrical cable. See Cable Wrapping Tape.

AEP ASBESTILE Cement. A plastic cement made from asbestos, asphalt and other minerals; used with asbestos base flashing, it produces a water-tight flashing system.

AEP ASBESTOBOARD. An asbestos-cement board of less strength than FLEXBOARD. For building construction where asbestos-cement board to meet Federal Specification Type U is permitted. (Refer to Sales Manager).

CP ASBESTOCEL. An inexpensive insulation available in pipe covering, sheets and blocks for temperatures up to 300F.

AEP ASBESTOGARD Vapor Barrier System. For use with FESCO Board roof insulation over metal decks on inclines up to 6" per foot. The components of the system are ASBESTOGARD Felt and ASBESTOGARD Adhesive.

AEP ASBESTOGARD Felt. An asbestos vapor barrier reinforced with fiber glass. Asbestos fibers provide fire resistance; parallel fiber glass yarn adds high tear strength and resistance to wind uplift; and, controlled saturation with asphalt provides resistance to water vapor.

AEP ASBESTOGARD Adhesive. A non-flammable adhesive designed specifically for the cold application of Asbestogard Felt to metal decks.

PK ASBESTOMENT. A refractory powder which when mixed with water produces an outer coating in the fireproofing of electrical cables; usually used with NIAGRITE.

BP (Asbestone). Compet. to J-M Asbestos TRANSITOP and Corrugated TRANSITE.

AFD Asbestos. An incombustible mineral, found in nature, which separates into fibers; used in a great variety of J-M products; sold in fiber form by the Asbestos Fibre Division - e.g. for use in combination with asphalt as a paving mix in road construction. See ASBALTIC.

AEP Asbestos Base Felt. See Base Felt.

AEP Asbestos Base Flashing. A flashing or edging material made from asphalt-saturated asbestos felt cemented to asphalt-saturated fabric.

PK Asbestos Braided Tubing. Asbestos yarn braided into fireproof flexible sleeving for insulating wires and cables and for other industrial uses; comes in I.D.'s up to 2-1/2.

AEP Asbestos-Cement Boards. See:

Building Products: Asbestos-Cement Bulkheads; ASBESTOS EBONY; ASBESTOBOARD; CHEMSTONE; COLORCERAN; COLORLITH; Corrugated TRANSITE; Corrugated FLEXBOARD; FLAT TRANSITE; OHMSTONE; FLEXBOARD; Perforated FLEXBOARD; PERMATONE "S"; FLEXBOARD; Primed FLEXBOARD; STONEHEDGE THERMOCORE; THERMOSTONE; TRANSIFOAM; TRANSITILE; TRANSITE Acoustical Panels.

Industrial Products: MARINE VENEER; REEFERITE; TRANSITE core Plate.

Building and Industrial: ASBESTOBOARD; Asbestos TRANSITOP; Corrugated TRANSITE; Flat TRANSITE.

AEP Asbestos-Cement Bulkheads Corrugated. Asbestos-cement, bold contour sheets used as bulkhead piling to control erosion along lake shores and inland waterways.

P Asbestos-Cement TRANSITE Pipe. Pipe composed of a mixture of asbestos, cement and silica formed on a turning mandrel under pressure. Manufactured in a number of designs for conveying water, wastes, process fluids and for air-heating, cooling and venting gas appliances, laboratory and industrial equipment. For municipal, industrial, institutional, commercial and housing pipelines. See TRANSITE Pipe.

IN Asbestos Cements. General purpose cements used as a finish over insulation.

- PK** Asbestos Cloth. Cloth woven from asbestos yarn; used wherever incombustibility and thermal stability are essential, as in theater curtains or clothing for fire-fighters and steel mill workers; comes in standard widths of 36" and 40", in rolls of 50 linear yards; can be combined with aluminum foil and sold as aluminized asbestos cloth. Also see Asbestos Clothing; Asbestos Curtains; Commercial Grade Asbestos Cloth; Bomber Cloth.
- PK** Asbestos Clothing. Safety clothing for fire-fighting or for protection against high heat or dangerous chemicals. J-M supplies cloth to safety clothing fabricators for manufacture, among other things, of aprons, caps, finger cots, gloves and mittens, coats, leggings, overshoes and suits. J-M does not fabricate any of these or sell them.
- PK** Asbestos Cord. Asbestos fiber yarn or roving twisted; used as a caulking material and in various applications requiring resistance to heat and decay; furnished in sizes from 1/32" to 1/2".
- AEP** ASBESTOS EBONY. Asbestos-cement board impregnated with asphaltic compound; has low moisture absorption and low electrical conductivity; used for electrical panels and switchboards; furnished in sheets, cut pieces, transformer strips and as molded ASBESTOS EBONY.
- AEP** ASBESTOS EBONY Accessories:
 Filler Compound — A putty glaze for treating surfaces which have been scratched or marred slightly.
 EBONY Lacquer — For paint spraying ASBESTOS EBONY panels.
 Cleaning and Polishing Fluid — For use only on unlacquered ASBESTOS EBONY.
 EBONY Filler — For filling deep holes.
- PK** Asbestos Fabric. See KEARSARGE Packing; SUPERHEAT Packing; UNIVERSAL Packing.

- AEP** Asbestos Felt. A felt furnished in rolls of various weights; made from asbestos and a binder and impregnated with asphalt; used as the main component of built-up roofs.
- AED** Asbestos Fibre. See ASBALTIC, Asbestos.
- RBP** Asbestos Fibrous Roof and Foundation Coating. 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.
- AEP** Asbestos Finishing Felt. See Finishing Felt.
- IN** Asbestos FIRETARD. A fire-retardant weather-proof jacket consisting of a sheet of asphalt-saturated asbestos felt cemented to a sheet of unsaturated asbestos felt; used on outdoor pipe insulation and small diameter vessels wherever fire hazards are present.
- AEP** Asbestos FLEXBOARD Panels. Tough, fireproof asbestos-cement sheet flexible enough to conform to curved surfaces; wide range of uses for exteriors and interiors; furnished 1/8", 3/16", 1/4", 3/8" and 1/2" thicknesses, 4' widths, lengths up to 12', easily nailed, requires no preservative finish. See Corrugated, Primed and PERMATONE "S" FLEXBOARD.
- IN** Asbestos Furnace Cement. See FIREITE.
- PK** Asbestos Gloves. See Asbestos Clothing.
- PK** Asbestos Listing. Flexible asbestos woven tape; used for insulating wires, coils, cables and small steam pipes and as wicking in oil burning apparatus; is also the base component of woven brake linings.
- PK** Asbestos-Metallic Packing. See Flexible Metallic Packing.
- IN** Asbestos Millboard. A Sheet or board furnished in standard thicknesses 1/32" to 1/2"; made from asbestos fiber and various binders; has many industrial uses where protection against heat or fire is required.
- PK** Asbestos Oil Burner Wicking. See Asbestos Listing.

- IN EL** Asbestos Paper. Paper formed from asbestos fibers and a suitable binder; used where an insulating material of minimum thickness is required - for example, in electrical apparatus. See Asbestos Millboard; Asbestos ROLLBOARD; Commercial Grade Asbestos Paper; DOUBLEX; FIBROID; QUINORGO; QUINTERRA; QUINTEX.
- AEP** Asbestos Pipe Line Felt. Tar-or asphalt-saturated asphalt felt, perforated or unperforated; used for wrapping underground pipe lines as protection against corrosion. Standard Asbestos Pipe Line Felt is non-reinforced. TRANSHIELD Asbestos Pipe Line Felt is reinforced with continuous strands of glass yarn to provide added tear resistance.
- P** Asbestos-reinforced Pipe. J-M CHEMTITE pipe is manufactured by combining epoxy, phenolic or polyester thermosetting resin with asbestos reinforcement. For conveying highly corrosive fluids at temperatures minus 50F. to plus 300F. and pressures to 150 psi.
- RBP** Asbestos Ridge Roll. See Ridge Roll.
- IN** Asbestos ROLLBOARD. Asbestos paper $3/32"$ or $1/8"$ thick; used as protection against heat or as a fire retardant.
- IN** Asbestos Roll FIRE FELT. See FIRE FELT.
- RBP** Asbestos Roofing. See AMERICAN COLONIAL; COLORBESTOS; COLORBESTOS Slates; DURABESTOS; Dutch Lap; Hexagonal; Ranch Design; WESTERN-SHAKE.
- PK** Asbestos Rope. Asbestos Fiber or felted asbestos, braided or twisted; used as a caulking material and in various applications requiring resistance to heat and decay; furnished in twisted form from $3/8"$ up to $2"$, in braided form from $1/8"$ up to $2"$.
- PK** Asbestos Roving. A fire-resistant textile made of carded asbestos fiber and an organic fiber rubbed into a soft, bulky, untwisted strand; used for insulating electrical wires, cords, cables and heating elements.
- RBP** Asbestos Shingles. See AMERICAN COLONIAL; COLORBESTOS; DURABESTOS; Dutch Lap; Hexagonal; HOME-STEAD; Ranch Design; ROCK-SHAKES; WESTERN-SHAKE.
- RUP** Asbestos Siding Shingle. See COLORBESTOS, HOME-STEAD; ROCK-SHAKES.
- RBP** Asbestos Slatters Felt. See Slatters Felt.
- PK** Asbestos Tapes. See Asbestos Listing; BESTO-TAK; Cable Wrapping Tape.
- PK** Asbestos Textiles. Asbestos fiber twisted, woven or felted into cloth, yarn, tape, tubing, etc.; usually a small percentage of organic fiber such as cotton or rayon is woven in with the asbestos.
- PK** Asbestos Tubing. See Asbestos Braided Tubing.
- AEP** Asbestos Waterproofing Felt. An asphalt-saturated asbestos felt used in waterproofing asphalt for work below grade.
- PK** Asbestos Wick. Asbestos fiber or felted asbestos, braided or twisted; used as a caulking material and in various applications requiring resistance to heat and decay; furnished in diameters of about $1/4"$.
- AEP** Asbestos Wood. See TRANSITE Panels.
- PK** Asbestos Yarning Rope. Rope made of felted asbestos; used for yarning bell and spigot pipe joints; since it is inorganic, it will not nurture harmful bacteria.
- PK** Asbestos Yarns. Made from Asbestos Roving which has been mechanically twisted to give it tensile strength; become the main components of all asbestos textiles produced by weaving, braiding or forming; can be made plain (asbestos and other fibers such as cotton or rayon), metallic (with an insert of fine wire), or reinforced (with an insert of yarn made of other fibers); furnished in several grades ranging from 75% asbestos to 100% asbestos.
- CP** ASBESTOSIDE. Canadian trade name for a siding made from three plies of asbestos felt; sold in Canada by the Building Materials Section of the Canadian Products Division.

CP ASBESTO-SPONGE. A felted insulation supplied in sheet, block and pipe covering forms for use with temperatures up to 400F especially where severe conditions prevail.

AEPA Asphalt Bridge Plank. A mixture of asphalt, fiber and mineral filler; applied to the road surface of bridges; furnished smooth-surfaced and mineral-surfaced.

AEPA Asphalt Emulsion. A waterproofing compound for cold application; used alone or with DURAMESH or Asphalt Emulsion Mat.

BP Asphalt Emulsion Mat. A mat of glass fibers bonded together with asphalt emulsion. Also see DURAMESH.

AEP Asphalt Plant Cement. Used in installing Asphalt Bridge Pank.

RBP Asphalt Roll Roofing. See **PILOT; REGAL-SERVICE Cap Sheet; SLATEKOTE: Smooth Duplex; SERVICE.**

RBP Asphalt Saturated Rag Felt. See Rag Felt.

RRBP Asphalt Roofing Shingles. See GIANT UNIT; Hexagonal; HIGHLANDS 300; METALOK; SEAL-O-MATIC; Standard SING; WEATHER KING; WEATHERLOK; WOODLANDS.

RBP Asphalt Slaters Felt. See **Slaters Felt.**

AEP Asphalts. See Concrete Primer; Cut-Back Primer; Roofing Asphalts.

FM Assembled Friction Material Sets. Scientifically engineered sets, assembled to service popular earth-moving equipment, industrial machinery and other heavy-duty industrial equipment; made up of molded, rigid or flexible material.

FBP Attenuation Baffle. See **FLEXBOARD Attenuation Baffle.**

TN Automotive Headliner. See **Acoustical TOPLINER.**

IN B-Fiber See MICROLITE B-Fiber.

"B" Telephone Duct, TRANSITE. Asbestos-cement duct encased in concrete and covered with earth fill. For telephone main bank cables.

PK BX Gaskets. A modified form of V-TITE Gasket for use in grooved flanges in extremely high-pressure oil field equipment.

RRBP Backer Board. Utility gypsum board for use where another material provides the finish surface such as in laminated construction.

RBP Backer Strip. 3" wide asphalt-saturated strip used beneath the joints of shingles and sheets to act as a water repellent.

N **Band, Pipe Insulation.** Strip of metal which holds insulation in place on the pipe.

BANROC. A mineral wool insulation furnished in the form of metal-reinforced blankets, high-temperature blocks (called BANROC H.T. Block), in loose, granulated, spun and board form.

BP (Barrett). Compet. to J-M building products in U.S. and Canada.

EP Base Felt. An asphalt-impregnated perforated asbestos or fiber glass felt used as a base sheet on built-up roofs.

EP Base Flashing. See Asbestos Base Flashing.

N Basic Magnesium Carbonate. See Magnesia, 85%.

BBP Batt. See **Fiber Glass Building Insulation; SUPER-THIK; FUL-THIK; SPINSULATION.**

Batten. A narrow strip of such material as Corrugated TRANSITE or FLEXBOARD.

M Bearings. See DRI-SLIP, EEL-SLIP.

PK BELLOWSEAL. Gasket made by welding together two serrated metal discs; when the gasket is installed, a ring of compressed asbestos sheet is placed over the serrations to produce a tight, flexible joint under high temperatures and pressures; fabricated to order.

PK (Belmont). Compet. to J-M packings.

FM (Bendix). Competitor as well as brake manufacturer.

CEL Bentonite. Colloidal clay.

PK BESTA-MONIA Packing. A laminated rubber and duck packing for ammonia service on reciprocating rods and plungers.

PK BESTO-TAK. Woven asbestos tape with pressure-sensitive backing.

RBP (Bestwall). Compet. to J-M Gypsum Products.

BP Biota Plates. ASBESTOCITE with screen marking on both sides used in cooling towers and sewage treatment plants. (Refer to Sales Manager.)

AEP Bitumens. A term used for asphalts and pitches.

RBP Black Line Products. J-M roof coatings, cements and special-purpose adhesives to meet roofing requirements for all types of buildings.

RBP Black Plastic Cement. A heavy-bodied, asbestos-reinforced plastic asphalt cement; furnished in cans and drums; applied cold with trowel, used for patching and flashing of roofs.

RBP Black Sheathing Paper. See Slaters Felt.

IN BLAKITE. A ready-mixed air-setting cement used for laying insulating fire brick, fire brick and high-alumina brick; will withstand temperatures to 3200F.

RBP BLAK-KAP Duplex Fiber Glass Roll Roofing. Cold applied, low-slope residential roofing with Class "B" fire rating. Provides double coverage over entire roof area.

RBP Blanket. See Fiber Glass Building Insulation; Thick, Medium or Service Blanket; Sound Isolation.

PK BLASTAPE. Woven asbestos fabric combined with pressure-sensitive flameproof compound; developed for missile launching but has industrial applications as well.

PK BLASTUBE. Braided asbestos tubing with compound treatment to make it flameproof and fuel resistant; used as a protective covering for wiring, tubing and flexible metal hose.

IN BLAZECRETE. A hydraulic-setting refractory for slap troweling or gun applications; temperature ranges from 2000F to 3000F.

PK (Block Vee Packings) Compet. to J-M "U" Cups and Deep Base UNEEPAC.

AEP BLUE FLAG Pipe Wrap. A porous glass fiber mat used as a reinforcing agent for enamel applied to pipe lines, usually covered with Asbestos Pipeline Felt; also furnished as an industrial mat for plastic reinforcement, filters, decorative surfacing and battery retainers.

IN Body Sealer. See Sealing Compounds.

PK Boiler Gaskets. Gaskets for sealing handhole, tube cap and manhole covers of boilers, economizers and superheaters; made in KEARSARGE, SPIROTALLIC and single-jacket construction.

IN Boiler Jacket. See Range Boiler Jacket.

FM Bolt Hole Plugs. Used for filling counterbore holes over the bolt and rivet heads after brake block material has been applied to the shoe; the plug material is similar in composition to the friction element; the use of bolt hole plugs reduces scoring tendencies by preventing the accumulation of foreign matter.

PK Bomber Cloth. Asbestos cloth made from Commercial or "AA" Grade white asbestos yarns, plain or wire-reinforced; impregnated and coated on both sides with flameproof compound; used primarily on aircraft and missiles.

- AEP** Bonded Roof. On built-up roofs laid by J-M approved contractors to certain specifications; J-M guarantees the performance of the roof for 15 or 20 years; where J-M flashing materials are used, a flashing endorsement may be attached to the roof bond. Not offered in Canada.
- BP** Bonded Strand Glass Fiber. Continuous filament glass fiber strand bonded with wax; used as a tension member and filler for cable applications.
- IN** Bonding Mortar. See Mortar.
- PK** Braided Packing. See MOGUL, JEWETT.
- PK** Braided Tubing. See Asbestos Braided Tubing.
- FM** Brake Block. Heavy-duty molded friction element for commercial service on trucks, buses and industrial equipment. Molded blocks are compounded from asbestos fiber, phenolic resin binder and friction particles, both metallic and organic, to provide various friction levels such as: high, medium and low — enabling correct balancing of friction and wear for any installation; special combinations such as Twin-Mix-HI-TEMP are also furnished.
- FM** Brake Lining. See CUSTOM FOUR STAR, FT FLEET TESTED, WK, Brake Lining Segments.
- CP** Brake Linings. CFS (CUSTOM FOUR STAR), PB (Power Built), FT (Fleet Tested), RSB and ec (European Car) drilled, bonded and rivetted sets for passenger car and light trucks.
- FM** Brake Lining Segments. Multiple Coverage Segments supplied in quantity; cartons containing 24 each are available with WK Segments or CUSTOM FOUR STAR Segments.
- P** BRANCHTITE. Plastic sealing compound, furnished in strip form for use in joining cast iron branch connections to TRANSITE Sewer Pipe.
- IN** Brick. See Insulating Brick, Insulating Firebrick, SIL-O-CEL.
- RBP** Brick Design. See Roll siding.
- AEP** Bridge Plank. See Asphalt Bridge Plank.
- PK** Bridgeman Gasket. Pressure-actuated gasket especially suitable as a pressure vessel or valve bonnet gasket for pressure 1500 psi and up.
- BP** (Brixite). Compet. to J-M Insulating Siding.
- RBP** Building Board. An insulating board made of wood fibers, for interior walls and ceilings; made 4' wide in ivory and natural (and white from some plants) finishes.
- CP** In Canada. Made 8 & 9 ft. long, 4 ft. wide and 7/16" and 1/2" thick, natural and primed.
- CP** (Building Products of Canada, Ltd.) Compet. to J-M in Canada. (Known as B.P.)
- P** Building Sewer Pipe. TRANSITE Asbestos-cement pipe for connecting building drains to sewer mains, cesspools or septic tanks.
- AEP** Built-Up Roofing. Composed of various layers of asbestos, fiber glass or rag felts and brushed-on applications of asphaltic compounds; usually applied to industrial roofs.
- AEP** Built-up Roofing Asphalt. See Roofing Asphalt.
- AEP** Bulkheads. See Asbestos-Cement Bulkheads.
- IN** Bus Body Insulation. See MICROFINE; Mobile Home Insulation.
- RBP** Bushings. See EEL-SLIP; MINI-BLOK.

C

- IN** C-2 Refractory Cement. An extremely hard cement used where a high degree of abrasion resistance is necessary, particularly in oil refineries, reactors or regenerators.
- IN** C-31M Cement. A chrome base cement used in boiler wall linings.
- IN** CA Insulating FIRECRETE. See FIRECRETE.
- AEP** CAB (Cellulose Acetate Butyrate) Sealer. A coating for faces and edges of COLORLITH.
- CEL** C.A.F.A. See CELITE Analytical Filter Aid.
- FM** CFS. See CUSTOM FOUR STAR Lining and Brake Blocks.
- RBP** CMI. Means "completing materials inside", the materials are nails and lap cement for roll roofings.
- P** "C" Telephone Duct, TRANSITE. Asbestos-cement duct for direct burial in the ground and for exposed locations. To protect telephone main bank and subsidiary lines.
- PK** Cable Fireproofing Tape. See Cable Wrapping Tape.
- PK** Cable Wrapping Tape. Asbestos tape used for fireproofing and insulating electrical cable; two types, both 1/16" thick: #55 Cable Fireproofing Tape and ASBESTICA.
- IN** Calcium Silicate Insulations. See MARIMET; MARINITE; MOLTEN METAL MARINITE; THERMOBESTOS; METAL-ON.
- P** Calder Coupling. A rubber-sleeve coupling-adaptor for joining TRANSITE Building Sewer Pipe to cast iron or clay pipes. Used with bushings provided.
- CEL** CALFLO. Johns-Manville European tradename for MICRO-CEL.
- IN** (Calisite). Compet. to J-M THERMOBESTOS.

- IN** (Caltimp). Compet. to J-M THERMOBESTOS.
- CP** (Canadian Gypsum Co. Ltd.) B.M. Compet. to J-M in Canada (Known as CGC).
- BP** Canal Liner. See Prefab Canal Liner.
- BP** Cant Strip. Strip made from compressed wood fiber or FESCO Board in a triangular cross section; used in flashing where roof meets wall.
- IN** Canvas. Fabric wrapped around pipe insulation.
- AEP** Cap Sheet. See REGAL SERVICE Cap Sheet.
- RBP** (Carey). Compet. to J-M insulations and building materials.
- BP** (Careystone). Compet. to J-M ASBESTOBOARD.
- AEP** Carpet. Many exciting colors and textures including in/out-door, printed carpets and luxurious shags.
- IN** Casket Cushioning. See Melamine Bonded Fiber Glass
- P** (Cast Iron Pipe). Compet. to TRANSITE Pipe in municipal water and sewer pipe.
- CEL** Catalyst Carriers. CELITE in powdered, aggregate or pellet form of different sizes used as the support material for hydrogenation and oxidation catalysts; used because of their inertness or chemical stability and suitable surface area characteristics.
- RBP** Caulking Putty. Made from asbestos fiber, pigments and drying oils; furnished in cartridges (gun grade) and cans in gray and white colors; used for general caulking work.
- IN** Cavity Wall Insulation. See Perimeter Insulation.
- RBP** CEDARGRAIN. A grained texture imparted to certain types of asbestos-cement roof and sidewall shingles.

AEP CEILING WHITES. An acrylic modified polyester material furnished in a corrugated configuration of 1-1/4" x 1-1/4". Especially pigmented with a Granitized finish for greater light diffusion. Light weight, efficient panels for maximum lighting at minimum cost.

IN CELINITE. A material furnished in roll or strip form for insulating or fireproofing up to 1000F; made from Asbestos Roll FIRE FELT reinforced on one side with asbestos cloth.

CEL (Celatom). Compet. to J-M Celite Filter Aids.

CEL CELITE. J-M trademark for its diatomaceous silica and perlite products.

CEL CELITE Analytical Filter Aid (C.A.F.A.). An extremely pure laboratory filter aid used to speed up lab filtrations in chemical and biological work where absence of contamination is a prime requirement; furnished in 1-lb. glass bottles.

CEL CELKATE. A synthetic magnesium silicate using diatomaceous silica (CELITE) as a source of silica; its absorptive qualities make it useful for removing undesirable color and other contaminants from liquids.

RBP (Celotex). Compet. to J-M insulating board.

Cement. Material furnished in various forms as powders, liquids and aggregates; used as coverings, coatings and fills and as insulations, refractories, sealers, waterproofers and adhesives.

See: Roofing Items: AQUADAM, AQUAPATCH, ASBESTOGARD Adhesive, ASBESTILE, Asphalt Plank Cement, Black Plastic Cement, Cold Application Cement, DUPLEX Cement, Finishing Cement, SEALAP, Shingle Tab Cement.

Refractory and Insulation Items: Air Set Cement, BLAKITE, CHEMSTONE Cement, FIBROFIL, FIL-INSUL, FIREITE, Heat Treating Cement, Insulating Cement, LAPTITE, Mine Cement.

BP (Cemesto Board). Compet. to J-M TRANSITOP.

PK CENTRIPAC. Packing material furnished in coil or ring form, used primarily for packing centrifugal pumps and other rotating rods and shafts.

IN CERAFELT. A lightweight felted refractory fiber insulation for service to 2300F; furnished in many thicknesses and densities; can be combined with stainless steel supports and other accessories to construct combustion chambers for oil-fired heating units.

IN CERAFIBER. A loose refractory fiber insulation for service to 2300F.

IN CERA FORM. Molded board and shapes of refractory fiber with multi-component, organic and inorganic binders.

IN CERA-KOTE. A high-temperature adhesive and coating cement for spray, dip or brush application. Used as a combustion product with J-M CERAFELT for relining new and worn-out combustion chambers.

P (Ceramiduct). Compet. to J-M TRANSITE Air Duct.

IN CERA-PAK. Refractory-fiber, vacuum-molded and bonded sheet packaged in moist form in polyethylene bags for hand molding to shape desired.

IN CERA PER. Lightweight refractory fiber paper used for packings and paper tapes or sheets in a variety of high temperature (2300F) applications.

IN CERA PREG. Inorganic impregnant that is brushed on CERAFELT or CERA FORM to provide a hard, abrasion-resistant coating.

RBP (Certain-teed). Compet. to J-M building products.

P (Certain-teed). Compet. to J-M pipes. Asbestos-cement pipe used mainly in water, sewer and irrigation service.

AEP Chalkboard COLORLITH. See COLORLITH.

PK (Chemton). Compet. to J-M CHEMPAC.

PK **CHEMPAC.** Name applied to many J-M packings, gaskets, seals, etc. having Teflon as a component. Generally uses asbestos also, for services sealing solvents or corrosives. Furnished in sheet packing and gaskets, rod packing, CLIPPER seals and in conjunction with metal gaskets. Also in tape, tubes, rods.

AEP **CHEMSTONE.** Chemical-resistant asbestos-cement sheets; used for construction of corrosion-resistant process equipment and as a base sheet for the application of baked chemical-resistant coatings to form laboratory table tops.

AEP **CHEMSTONE Cement.** Chemical-resistant joint material.

P **CHEMTITE Pipe.** An asbestos-reinforced epoxy or phenolic pipe for conveying highly corrosive fluids at temperatures minus 50F to plus 300F and pressures to 150 psi. For indoor, outdoor or underground service and venting corrosive gases.

PK **(Chevron).** Compet. to J-M V-RINGS and UNEEPAC.

PK **(Chicago Rawhide).** Compet. to J-M Oil Seal Packings.

RBP **CHIKINSUL.** Fiber glass insulation product developed specifically for poultry houses. Available FUL-THIK (3-7/8") and Medium (2-5/8") rolls.

CP **Chimney Lining Pipe.** Another name for Gas Vent Pipe.

TG **Chopped Strand.** Short strands (1/4", 1/2", 1", 1-1/2", 2") of continuous glass filament for use as a reinforcing medium in molding components, dry walls, fire stop boards and other miscellaneous reinforced plastic applications. It is also used in the paper industry with other glass fibers, inorganic fibers, or cellulose fibers.

TG **Chopped Strand Industrial Mat.** A glass fiber textile mat bonded with synthetic resin; used in reinforcing bituminous coatings and as a decorative surfacing on acoustical board.

TG **Chopped Strand Mat.** A thin, non-woven mat composed of 2-inch lengths of fiber glass strands dispersed in random pattern, bonded with a high or low-solubility resin. White in color. For hand lay-up and bag or die molding of boats, containers, corrugated or flat translucent panels and other reinforced plastic products.

TG **Chopped Strands.** Fiber glass strands chopped to specified lengths (1/4" and up) to reinforce plastic premix molding compounds.

TG **Chrome Roving.** (See Roving). Fiber glass roving with a chrome methacrylate sizing to prevent abrasion of the fibers, and improve the adhesion of polyester resin to the fibers. Used chiefly in preform matched-die molding.

CEL **CHROMOSORB.** Size graded aggregates of specially processed CELITE diatomaceous silica; and porous polymer resins for use as support material or absorbents for gas chromatography.

CP **(CIP Panelboards Ltd.) B.M. Compet. to J-M in Canada.** (Known as CIP).

RBP **Clapboard Siding.** Made in long, narrow strips to resemble conventional clapboard. Various panel widths and lengths. See DUREOBORD.

P **(Clay Pipe).** Compet. to J-M TRANSITE pipes.

PK **Clap Cushion.** See ASBESTAN; METAN.

PK **CLIPPER Oil Seal.** Precision-molded seal consisting of a tough, dense heel - in some cases metal-reinforced - and a soft, flexible lip; the seals are usually furnished with a spring which helps keep the lip against the shaft of the equipment; various compounds of rubber go into their manufacture; used for sealing bearings, preventing oil seepage and excluding dirt.

PK **CLIPPER Rod Wiper.** A packing ring used primarily in reciprocating service for exclusion service.

PK **Cloth Tapes.** See ASBESTICA; Cable Wrapping Tape.

FM **Clutch Facings.** See HDM; STM; Spiral Wound; Gear Tooth; SWAB.

BP (Coal Tar Pitch), Compet. to J-M AQUADAM Roofing Asphalt.

IN Coatings. See AERTITE; Aluminum Roof Coatings; Asbestos Fibrous Roof Coating, INSULKOTE; REGAL Roof Coating; ZEROKOTE Emulsion.

★ FM COBRA. Trademark for a composition railroad brake shoe and block manufactured solely for Railroad Friction Products Corporation.

AEP Cold Application Cement. A heavy-brushing, cutback asphalt for applying cold application asbestos felts.

AEP Cold Application Felt. A double-coated asbestos cap sheet for use in the cold application of asbestos built-up roofs; furnished in 2-square rolls.

AEP Cold Process Asphalt Felt. Asphalt felt which can be applied to two or three plies with Cold Process Cement; sold on the West Coast and in Canada.

AEP Cold Process Cement. A special cement which permits Cold Process Asphalt Felt to be applied without the use of hot kettles; sold on the West Coast and in Canada.

RBP COLORBESTOS. Trademark referring to mineral fiber roof and sidewall shingles.

RBP COLORBESTOS Slates. Class "A" mineral fiber roof shingles with the distinctive appearance of natural slate. 3 colors. Shingle size: 9.35" x 16" x approx. 1/4" uniform thickness.

AEP COLORCERAN Sheets. Intended primarily for laboratory table tops, shelves and fume hoods. The base sheet is an inorganic mixture of calcium aluminum silicate and finely dispersed asbestos fibers integrally mixed with chemically resistant pigments and fillers. This base sheet is given a factory applied ceramic-like surface coating integrally bonded to give a smooth, durable, 100% inorganic heat resistant and chemical resistant finish.

AEP COLORLITH. Dense, homogeneous, integrally-colored sheet made from an inorganic mixture of synthetic calcium aluminum silicate binder reinforced with finely dispersed asbestos fibers and integrally mixed with chemically-resistant inorganic pigments and fillers. Extremely durable, it is used as an architectural panel for both indoor and outdoor locations. Highly resistant to common acids and alkalis, it is used for table tops and fume hoods in laboratories; as table top material for domestic furniture. COLORLITH Chalkboard is still another use.

AEP COLORLITH Accessories. For installing and maintaining COLORLITH: Flat Vinyl Lacquer; Joint-Cement Patching Compound; Lacquer Thinner.

IN Colored MARINE VENEER. 3/16" thick sheets of integrally-colored MARINE VENEER laminated to MARINITE panels; used as permanent, maintenance-free decorative panels aboard ship.

AEP COLORSIL Copings. Extruded asbestos-cement wall copings. Wedge shaped with built-in slopes. Available in meerschau white in widths of 10" and 14" and in lengths up to 8'-0".

AEP COLORSIL Sills. Flat or wedge shaped asbestos-cement extruded window sills. Lightweight, incombustible, weather-resistant and easy-to-handle. Available to 6" wide and 12' long. Furnished in meerschau white or stone gray.

AEP COLORSIL Stools. Flat shaped asbestos-cement extruded window stools. Lightweight, incombustible, weather-resistant and easy-to-handle. Available 4" to 6" wide and up to 12' long. Color is charcoal gray.

IN Combination Pipe Insulation. Pipe insulation furnished in two layers of different composition; usually SUPEREX constitutes the inner layer and 85% Magnesia, THERMOBESTOS or ASBESTO-SPONGE the outer layer.

IN Combustion Chamber Kit. See CERAFELT, CERA FORM.

PK Commercial Grade Asbestos Cloth. Cloth containing from 75% up to but not including 80% fiber.

IN Commercial Grade Asbestos Paper. A standard asbestos paper varying in weight from 6 to 32 lbs. per 100 sq. ft. and in thickness from .015" to .0625".

RBP Completing Materials. See CMI.

PK Compressed Asbestos Sheet. Sheet and gasket packing material made of carefully compounded long fiber asbestos with rubber binders, fillers and curatives formed and cured under heat and pressure into a tough, homogeneous sheet having excellent stability. See SERVICE Sheet.

P (Concrete Pipe). Compet. to J-M TRANSITE pipes.

RBP Concrete Primer. A fluid, highly-penetrating asphalt-solvent blend designed to prime porous or dusty surfaces to receive hot asphalt or asphaltic coatings.

P Conduit. Duct for enclosing power and phone cables. J-M TRANSITE Conduit is an asbestos-cement product.

PK (Cone Nest Packing). Compet. to J-M CONEPAC.

PK CONEPAC. A molded packing consisting of sets of conical shaped rings; used in high-pressure and high-temperature steam service and for low-speed reciprocating service against oil, steam and hot or cold water.

IN Core Plate. See TRANSITE Core Plate.

AEP Corner Roll. A corrugated TRANSITE accessory.

AEP (Coromat). Compet. to J-M BLUE FLAG.

RBP CORRGRAIN. A grained texture imparted to certain types of asbestos cement roof shingles (e.g. Hexagonal).

AEP Corrosion Protection Tape. See DURAMESH, DURAMAT, EN GARDE and TRANTEX.

P Corrosion Resistant Pipe. J-M TRANSITE pipe is corrosion resistant inside, outside and all the way through; epoxy-lined TRANSITE pipe (sizes 4" - 36") are resistant to scale and paraffin build-up.

AEP CORRUCOTE. A fast-drying acrylic lacquer used for refinishing and renewing weathered plastic panels or to reduce light transmission in new installations; recommended application by spraying.

AEP Corrugated FLEXBOARD. A fireproof corrugated asbestos-cement sheet for residential and light commercial construction; furnished 42" wide in lengths to 12'.

PK Corrugated Gasket. A line contract seal of thin metal corrugated or embossed concentric with the I.D. with an asbestos jacket, and/or coated with J-M Sealing Compound.

AEP Corrugated Shorts. Short pieces of Corrugated TRANSITE.

AEP Corrugated TRANSITE. A corrugated asbestos-cement sheet used mainly for walls and roofs of industrial buildings in curtain wall construction, and for interior and exterior decorative panels; furnished 42" wide in lengths 3' to 12'; weatherproof, fireproof, needs no painting. For construction of buildings and all other uses.

AEP CORRULUX. Translucent panels made up of fiber glass reinforced polyester resins modified with acrylic widths in the configurations range up to 55 inches. Lengths ultimately limited by capacity of truck trailers. Available in approximately 60 different configurations.

AEP CORRUMASTIC. A clear mastic for sealing laps in CORRULUX.

AEP CORRUMOULDING. Natural wood closure strips, corrugated on one side to nest with CORRULUX for flashing purposes.

AEP CORRUTONES. Translucent fiber glass reinforced plastic panels in 8 new colors.

AEP CORSPAN Panels. Hollow core panels for sidewalls made by the asbestos-cement extrusion process. Panels have tongue and groove edges; are available 24" wide, up to 15' long in thicknesses of 3-1/4" (ribbed), 3" (flat) and 1-1/2" (flat). Smooth or ribbed surface panels are available in sand blasted or sand finish sand blasted. Colors are Meerschaum White, Stone Gray or Smoke Gray (natural).

AEP	CORSPAN MULLIONS. Extruded asbestos-cement window mullions. Available in Meerschbaum White and Stone Gray colors.	
P	Coupling, Pipe. Pipe material used to bridge the joint between two lengths of pipe. J-M pipe couplings vary according to the needs of the pipe service. See Pipes-Couplings.	PK
P	Coupling Puller. A tool for assembling couplings and fittings for TRANSITE Pressure Pipe and Sewer Pipe and Irrigation Pipe.	FM
IN	COUSTIC-AIRE. Glass fiber insulating blankets or bulk material for reducing noise in aircraft; the filler is made of MICROLITE B-Fiber or AA Fiber.	PK
PK	(Crane Packing). Compet. to J-M packing line.	PK
PK	Cross Diagonal Packing. A rubber and duck packing best suited for cold and hot water service on water end of reciprocating pumps; plies run diagonally to the rod so as to allow natural swell of the packing without excessive pressure against the rod.	PK
PK	CRYOL Packing. Sheet and gasket material of specially fabricated glass-filled TFE sheet. Designed for cryogenic service. Available in long continuous lengths with widths up to 16 inches.	PK
PK	CUMPAC. A semi-automatic rod packing furnished in sets and especially designed for sealing against abrasive fluids; when used in oil field applications, it is called WILDCAT Slush Pump Packing.	PK
PK	Cups. See Molded Packing Cups.	PK
PK	Curtains. See Asbestos Curtains.	PK
AEP	(Cushiontone). Compet. to J-M Ceiling Panels.	PK
PK	Custom Asbestos Parts. Special parts made up to customer designs 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 where temperature or chemical service is too severe for organic fabrics or molded rubber; less costly than all metal.	
FM	CUSTOM FOUR STAR Lining. Brake lining sets made of fully-molded elements designed for conventional and power brake systems on passenger cars and light commercial vehicles, compounded from metallic-impregnated asbestos formulations for friction and wear control.	
PK	Cut Gaskets. Gaskets cut from non-metal sheet packings; used for sealing pipe flange joints and mechanical equipment against leakage; can be cut from compressed or woven asbestos, rubber, paper, millboard, TFE and many other materials.	

D

CEL (Diabestos). Compet. to FIBRA-FLO.

AEP DCF. Acoustical ceiling panels and tiles. See TEMPER-TONE Tiles.

RBP Deadening Felt. An unsaturated organic felt furnished in 36" wide rolls containing 50 sq. yds.; used on walls and floors to help keep out sounds and drafts.

RBP Decorative Ceiling Panels. Insulating board panels furnished in a variety of sizes and designs, including SIMPLICITY, SOMERSET, CONCORD, CONCORD Beige, SNO-SHEEN, GOLD BRITE, SILVER WEB, GOLDEN WEB, Cloud White Washable finish or MIRACRYLIC Plastic Coated available.

CP DECROBORD. Decorative Wood Fibre Ceiling Tile and Lay-in Panels.

AEP DECRO-COAT. A white roof coating consisting of a tested formula of white cement and asbestos with resinous binders. Forms a tough, semi-elastic long-wearing surface over any type of built-up roof. Provides decorative roof surface, prolongs roof life and reduces maintenance costs.

RBP DECROWOOD. A wood grain hardboard panel.

PK Deep Base UNEEPAC. Modified UNEEPAC design; it has the pedestal feature of UNEEPAC, thus eliminating the necessity for a filler ring; used in air and hydraulic cylinders and in other low- and medium-pressure services calling for a static seal or reciprocating motion.

PK Defense and Specialty Products. See Custom Asbestos Parts.

PK Defibrator Packing. Specially designed for Pulping Service.

IN DEKERAN. A mineral-glaze surfacing with exceptional abrasion- and stain-resistance that is completely fireproof. Available on 3/16 Marine Veneer either plain or perforated.

PK Delta Gasket. Pressure-actuated gasket especially suitable as a pressure vessel or valve bonnet gasket; useful in pressure range 5000 psi and up.

CEL Diatomaceous Silica. Other names are kieselguhr, filter clay, diatomite and diatomaceous earth; for commercial purposes the terms refer to silicious marine deposits representing remains of the diatom, a vegetable organism existing in many shapes and forms in both salt and fresh waters.

CEL Diatomite. See Diatomaceous Silica; CELITE.

CEL (Dicalite). Compet. to CELITE.

PK Die-Formed Rings. Packing rings press-formed to precise measurements; used in assembly of faucets, valves and similar mechanical devices where precision fit is needed.

PK Diesel Gaskets. Gaskets designed specifically for use on Diesel locomotives; can be made from any of the materials in the J-M gasket line.

CP Disogrin. Exclusive type of polyurethane molded packings available in U-Cups, A-Cups, Rod Wipers, O-Rings, etc.

CP (Domtar Construction Materials Ltd.). Compet. to the Building Materials Section of the Canadian Products Division.

IN Double-A Fiber. See MICROLITE AA Fiber.

IN Double-Coated FLEXSTONE. An asphalt-saturated asbestos felt coated with a mineral-filled asphalt; used as a pipe insulation jacket where heavy duty weatherproofing is indicated.

RBP Double Coverage WEATHERLOK. See WEATHERLOK.

PK Double Jacketed Gasket. A gasket made of a soft filler material completely enclosed by a metal shell and top wash; metal may be plain or corrugated.

IN DOUBLEX Paper. A completely inorganic paper made from asbestos and a lime silicate binder used by neon sign manufacturers to make templates or patterns; also used for pouring gates in foundries.

AEP Drainage Tile Cover. See TILE GUARD.

CP DREAM SWIRL. Decroboard design. See DECROBOARD.

CP DRI-SLIP. Anti-friction material designed to operate without lubrication.

RBP DUPLEX Cement. A medium-brushing, high-strength asphalt solvent blend with asbestos fiber reinforcement. Used with coated felts such as SLATEKOTE DUPLEX, Smooth DUPLEX, BLAK-KAP and KOLOR-KAP DUPLEX in two-ply construction.

RBP DUPLEX Roofing. See SLATEKOTE DUPLEX and Smooth DUPLEX, BLAK-KAP and KOLOR-KAP DUPLEX.

AEP DURAPANL. A completely opaque, CORRULUX panel designed to meet the rigid requirements of the cooling tower industry. Used for the casing of new installations or for covering existing towers. Tough, durable, light-in-weight and shatterproof.

CP DURABESTOS. Trademark in Canada for a COLORBESTOS roof shingle called in the United States AMERICAN COLONIAL. Sold in Canada by the Building Materials Section.

AEP DURAMAT. A glass fiber outer wrap used on steel underground pipe over pipeline enamel; shields enamel against mechanical damage.

AEP DURAMESH. A porous glass fiber fabric used in the cold wrapping of pipe line joints; also used as a waterproofing membrane on commercial roofs and along with plastic as a reinforcing mesh in waterproofing walls and floors.

AEP DURATAPE. A glass fiber-base, bitumen-coated tape used to cover joints on underground steel pipe for protection against corrosion.

AEP DURA-TRED Plank. A rugged, resilient floor plank composed of tough fiber, graded mineral filler and quality bituminous compounds which are densely compressed. This industrial floor plank is designed to solve hard traffic problems created by modern materials handling equipment.

AEP DURA-TRED Floor Plank Cement. A clay type mulsilified asphalt cement used to bond DURA-TRED Planks to the sub-floor.

PK DURO Packing. Made of heavy laminated duck bonded with a rubber compound; used for reciprocating service against low-pressure steam or water.

RBP DUROBORD Sidings. Primed exterior semi-hardboard sidings in clapboard, plain vertical and grooved vertical panel, and wide range of sizes.

RBP Dutch Lap. Method of applying rectangular asphalt shingles; exposed corner is fastened with a copper staple or clip; also refers to type of asbestos-cement roof shingle.

IN DYNAFIBER. A loose refractory fiber insulation for service to 2700F.

IN DYNA-FLEX. Flexible refractory fiber felt material with 2700F temperature limit.

IN DYNA FORM. Molded board and shapes of refractory fiber with multi-component, organic and inorganic binders for service to 2700F.

IN DYNAPAK. Refractory-fiber, vacuum-molded and bonded sheet packaged in moist form in polyethylene bags for hand molding to desired shape.

IN DYNA-QUARTZ. Heat-stabilized MICRO-QUARTZ, primarily for aerospace applications up to 2750F. Composed of clean, white, 99% pure silica fibers. Made in low-density, semi-rigid tiles or blocks.

E

- IN E Felt.** See MICRO-FIBERS.
- AEP Eave Trim.** A corrugated TRANSITE accessory.
- AEP Ebony Asbestos.** See ASBESTOS EBONY.
- CP Economy Wool.** A loose mineral wool for insulating accessible spaces in homes.
- FM EEL-SLIP.** Self-lubricated molded bushings and bearings compounded from asbestos, graphite, rubber and resins; ideally suited for use under moist or wet conditions. Some formulas available with TFE impregnation.
- IN Eighty-five percent Magnesia.** See Magnesia, 85%.
- P Electrical Duct.** J-M produces two ducts. TRANSITE KORDUCT Type I for enclosing electrical cable when the duct is to be encased in concrete. TRANSITE Type II for burial without concrete encasement and for exposed locations.
- EL Electrical Tapes.** See Asbestos Paper, QUINORGO, QUINTERRA, QUINTEX.
- AEP ELECTROBESTOS.** A heat-treated mixture of asbestos fiber and high temperature clays; used for arc or flame barriers and for parts of apparatus exposed to heat; comes as sheets, soldering cups, furnace bushings and molded.
- AEP EN GARDE Pipeline Joint Tape.** A resin compound securely bonded to a tough vinyl outer skin provides a durable, flexible wrapping tape for underground pipe and conduit. It is a cold application, anti-corrosion tape for pipe, pipe joints, couplings, cable, conduit and other metal surfaces.
- IN Engine Shrouds.** See THERMOFLEX.
- PK Envelope-Type Gasket CHIEMPAC** gasket constructed of a filler of either compressed SERVICE Sheet or No. 90. Corrugated Metal Gasket between two sheets of No. 83 Felted Blue Asbestos; each gasket has an envelope of pure Teflon, either split or welded. Widely used on glass-lined equipment in the chemical and process industries.
- P Epoxy Pipe, Couplings and Fittings.** J-M Epoxy-lined TRANSITE pipe, couplings and fittings convey oil field fluids (Sizes 4" - 36"). J-M CHIEMTITE pipe is available as an asbestos reinforced epoxy pipe, fittings and valves.
- P (Eternit).** Compet. to J-M TRANSITE pipe.
- PK (Everseal "V" Packing).** Compet. to J-M V-RINGS.
- IN EXACT-O-BOARD.** Fiber glass board-type thermal and acoustical insulation for use in air conditioning equipment as a liner.
- PK Excluder.** A molded copper seal, generally of the outside lip type and of the face seal design; seals out dirt or abrasives.
- AEP Expanded Polystyrene TRANSITOP.** An extremely lightweight expanded polystyrene insulating core faced on both sides with incombustible FLEXBOARD to provide a rigid panel that offers high insulating value and resistance to moisture. Available in a variety of sizes and thicknesses. Easy-to-handle . . . easy-to-install.
- AEP Expansion Joint.** See Flat-Sided Asphalt Expansion Joint.
- PK Expansion Joints.** J-M produces metal-and-fabric connection units needed in large duct systems handling high temperature, low pressure gases. They can expand and contract to compensate.
- IN Expansion Joint Board.** See RF EXPANSION JOINT BOARD.
- P Extruded Plastic Pipe.** J-M RING-TITE and solvent-weld PVC pipes are formed by the extrusion process. See these listings.
- PK Extrusions.** Miscellaneous shaped rubber products made by a process of squeezing or forcing out; used primarily as static seals, gaskets and in certain applications involving slow-moving equipment.

F

IN FA Tape. Heavy, soft aluminum tape in roll form, with heat-sealable adhesive protected by paper release strip. For sealing joints between sections of aluminum-jacketed J-M MICRO-AIRE pre-formed round fiber glass duct and/or duct sections and fittings made of aluminum-faced MICRO-AIRE Duct Board.

RBP FGA Roofings. A line of roofings reinforced with rot-resistant fiber glass and tough asbestos fibers for residential, commercial, institutional buildings. Carry Class "A" or Class "B" UL Fire Rating depending on style. See FIRE-KING, FIRE-GLASS, BLAK-KAP, KOLOR-KAP, TOWNSEND, RAMPART.

FM FS FOUR STAR Block. See Brake Block.

FM FT FLEET TESTED. A full-molded brake lining designed mainly for taxicabs and commercial vehicles; formulated using asbestos fiber and rubber and resin binders with special friction-and wear-controlling particles; developed for the hard, rugged daily wear and the constant stop-and-go driving required of taxicabs and commercial vehicles.

AEP FACESPAN Panels. Used for spandrels, fascia and facing, these panels are made by the asbestos-cement extrusion process. Back surface has mortar bonding grooves which can be used with clips for mechanical fastening. Available with ribbed face patterns or smooth. Width is 24", length to 15', thicknesses from 3/4" to 1-3/4". Colors and finish are: sand blasted Meerschbaum white or Stone Gray; sand finished Smoke (natural).

P Farm Irrigation Pipe. J-M TRANSITE pipe and J-M RING-TITE PVC pipes are produced in forms for farm irrigation.

PK Felted Asbestos Sheet Packing. High-Temperature sheet packing made by bonding thoroughly felted asbestos fiber with special heat-resisting binders; it is a soft comfortable material.

Felts. See: Roofing Felts: Asbestos Felt, Asbestos Waterproofing Felt, ASBESTOGARD Felt, ASBESTOSIDE, Backer Strip, Base Felt, Deadening Felt, Finishing Felt, FLEXSTONE, Rag Felt, Slater Felt. Insulation Felts: Double-Coated FLEXSTONE, FOIL-FELT, Hair Felt. Miscellaneous Felts: Asbestos Pipe Line Felt, THERMOMAT.

AEP CP FESCO Board Roof Insulation. A homogeneously impregnated roof insulation formed of expanded perlite particles, mineral binders and fibers. Used for insulating under a built-up roof; furnished in 24" x 48" sheets, from 3/4" to 3" thick, and in cant strips and edge strips.

AEP FESCO-FIREDIKE Roof/Ceiling System. A roof ceiling design with an Underwriters' Laboratories, Inc. approved 1-hour time-temperature rating (Roof and Ceiling Design RC11-1-hour). It combines FESCO RCS Board (a perlite product formulated for this system which has earned the UL non-combustible rating for construction No. 1 and No. 2) and FIRE-CEILING Acoustical Panels (a monolithic construction of mineral wool fibers that carry a Class "1" Fire Hazard Classification for most building codes).

CEL FESCO-JEL. High viscosity Bentonite.

CP (Fiberglas Canada Ltd.) B.M. Compet. to J-M in Canada. (Known as FIBERGLAS).

RBP CP Fiber Glass. A felted insulation produced from glass fibers, for use primarily in new house construction.

IN Fiber Glass Headliner. See Acoustical TOPLINER.

RBP Fiber Glass Building Insulation. Insulation made up of fine, light-density glass fibers; aluminum foil reflective vapor-barrier on one side. Furnished Medium, FULL-THICK, SUPER-THICK, SUPER-24 blankets and Wall-Batts. See All Purpose Insulation, SPINSULATION, STA-FIT.

- IN Fiber Glass Hood Liner. A molded combination of two glass fiber components bonded with a thermo-setting resin; the two-layer glass insulation combination with a thin "skin" of high density glass fiber insulation bonded to a lower density glass insulation gives resistance to air erosion, used under auto hoods. See TUF-SKIN MICROLITE.
- TG Fiber Glass Reinforcement. Fiber glass filaments and strands in various forms used in molded and laminated plastic parts to provide strength and durability. See Chopped Strands, Chopped Strand Mat, Roving, Woven Roving.
- CP Fiber Glass Roofing Felts. Sold in Canada by the Building Materials Section; See Built-Up Roofing.
- TG Fiber Glass Roving. See Roving.
- RBP Fiber Glass Sill Sealer. A resilient fiber glass blanket for use as a seal between masonry foundation and sill plate. 50 ft. rolls, 3-5/8" or 6" wide.
- TG Fiber Glass Textiles. See Textiles.
- RBP Fiber Glass 325 SEAL-O-MATIC Shingle. See SEAL-O-MATIC.
- TG Fiber Glass Yarn. See Yarn.
- IN FIBERCHROME. Flexible refractory fiber felt material with temperature limit of 2700F.
- IN (Fiberfrax). Compet. to J-M THERMOFLEX Felt; CERAFELT.
- RBP (Fiberglass). Trade name of Owens-Corning fiberglass compet. to J-M insulations, building materials, and textile products.
- TG
- CEL FIBRA-CEL. A line of cellulose filter aids CELITE.
- CEL FIBRA-FLO. A line of diatomite CELITE filter aids which combine in premixed form the adsorption properties of asbestos fiber with the high flow rates of CELITE; used where a high degree of clarity is desired.
- AEP (Fibreboard Roof Insulation). Compet. to J-M Roof Insulation ROOFINSUL.
- IN FIBROFIL. A mixture of diatomaceous silica and asbestos fibers; used as an insulating fill for irregular spaces.
- EL FIBROID Paper. Used in electrical applications made from asbestos fiber and a binder; High Strength FIBROID is a long fiber, stronger sheet.
- IN Fibrous Adhesive. See Insulation Accessories.
- IN Fibrous Roof Coating. See Asbestos Fibrous Roof Coating.
- IN FIL-INSUL. A resilient fill composed of mineral fibers, used for insulating irregular spaces.
- AEP Filler Strip. Accessory for CORRULUX.
- CEL Filter Aids. Inert powders or fibers which impart porosity to a filter cake; they provide improved flow characteristics, with proper choice, clarity can be selected and controlled. Diatomite by far the most widely used type. See FIBRA-FLO, FILTER-CEL, HYFLO SUPER-CEL, HYSWELL, Perlite, SORBO-CEL, standard SUPER-CEL.
- CEL FILTER-CEL. A natural diatomaceous silica CELITE filter aid; used for filtering out exceptionally small or colloidal suspended solids from liquids.
- CEL FILTER-CEL Laboratory Standard. A specially controlled natural diatomite filter aid designed to laboratory filtration standards.
- IN Finishing Cements. Asbestos and hydraulic-setting cements generally used over pipe insulation to provide a smooth, hard finish.
- AEP Finishing Felt. An asphalt-impregnated asbestos felt weighing 15 lbs. per square and furnished in perforated or unperforated 3-square rolls; used for asbestos and combination rag felt, asbestos built-up roofs.

- IN FIRE FELT.** Insulating material made from felted and molded asbestos fiber for temperatures up to 1000°F; furnished in pipe covering, sheet and block form; in felted form it comes in 36" wide rolls.
- RBP FIRE-GLASS SEAL-O-MATIC Fiber Glass Roof Shingles.** Reinforced with fiber glass and asbestos. SEAL-O-MATIC self-sealing feature. 8 colors, 2-tab. Class "A" Fire Rating and Wind-Resistant label.
- RBP FIRE-KING SEAL-O-MATIC Fiber Glass Roof Shingles.** Reinforced with fiber glass and asbestos. SEAL-O-MATIC self-sealing feature. Giant surface granules. Class "A" Fire Rating and Wind-Resistant label. 2-tab, 9 colors.
- AEP FIREDIKE.** Mineral wool fiber acoustical ceiling tile and panels for time-temperature rated construction. FIREDIKE tiles are tested and approved by Underwriters' Laboratories, Inc. for use in 3-hour, 2-hour, 1-1/2 hour and 1-hour fire-retardant floor and ceiling assemblies. FIREDIKE panels are approved for 2-hour, 1-1/2 hour and 1-hour fire-retardant roof or floor and ceiling assemblies. Tiles are 12" x 12" x 5/8" or 3/4". Panels are 24" x 24", 24" x 48", 24" x 36" x 5/8". Finishes are Standard White, TPF (Textured Paint Finish) and CPO (Clear Plastic Overspray).
- AEP FIREDIKE Ventilating.** FIREDIKE tiles and panels are available with through-perforations for ventilating ceilings.
- IN FIREITE Asbestos Furnace Cement.** An asbestos compound used for sealing joints of domestic heating equipment.
- RBP FIRETARD Type "X".** A special fire-resistant gypsum wall-board rated by Underwriters' Laboratories.
- IN See Asbestos FIRETARD.**
- CP FIRETARD.** A pipe covering weatherproof jacket for use where spread of fire is of primary importance.
- PK Firewall Sheet.** See Bomber Cloth.
- P Fittings, Pipe.** J-M makes fittings for each type of J-M pipe. Some common fittings are Tees, Wyes, Elbows, Reducers, End Closures. See also Pipes - Fittings and Accessories.
- IN FLAME-SAFE Pipe Insulation.** Lightweight, fiber glass sections made in one piece with integral "hinge" and covered with white, factory-applied glass cloth jacket. Carries UL Flame Spread Rating on composite product.
- PK (Flameguard).** Compet. to J-M Asbestos Cloth.
- PK Flange Gaskets.** See SPIROALLIC Gasket; V-TITE Gasket; SERVICE Sheet.
- PK Flared Gasket.** Gasket designed to fit flared-type joint. See Heavy Cross-Section Gasket.
- AEP Flashing.** Metals or asbestos felts used on roofs to protect joints and angles, as at hips and ridges where roof meets parapet walls and other vertical surfaces.
- PK Flat Metal Gasket.** Brute-force gaskets, relatively thin in relation to their width, used as cut from sheet metal or with the surface area reduced by machining for greater sealability. See PROFILE Gasket; BELLOWSEAL Gasket; MULTISEAL Gasket.
- PK Flat Paper Tape.** See Paper Electrical Tapes.
- PK Flax Packing.** See SINBAD Packing.
- FMI FLEET TESTED.** See FT FLEET TESTED.
- RBP FLEXA-BATT.** See Mobile Home Insulation.
- RBP FLEXA-ROLL.** See Mobile Home Insulation.
- RBP FLEXBESTOS Asphalt-Asbestos Roof Shingles.** Asbestos felt base vs. organic base felt of conventional shingles. Designed for re-roofing. Class "C" label for fire-resistance.

AEP FLEXBOARD Panels. Tough, fireproof asbestos cement sheet flexible enough to conform to curved surfaces; wide range of uses for exteriors and interiors; furnished 1/8", 3/16", 1/4", 3/8" and 1/2" thicknesses; 4' widths; lengths up to 12'; easily nailed; requires no preservative finish. See Corrugated, Primed and Permatone "S" FLEXBOARD.

IN FLEXBOW Duct. Stock material for making elbows for rectangular duct systems.

PK FLEXEAL Gasket. Corrugated gasket with a cloth covering. See Corrugated Gasket.

PK Flexible Asbestos Firewall Sheet. See Bomber Cloth.

PK Flexible Metallic Packings. Packings generally recommended where operating conditions such as shock or pressure are severe, and where chemical resistance is important; made from various metals and alloys to suit the service for which they are intended.

AEP Flexible Rock Shield. A flexible asphalt mastic board used over coating on underground pipe to shield the coating from damage in rocky soil.

PK (Flexitallc). Compet. to J-M SPIROTALLIC.

BP FLEX-PONENT. A J-M system of factory-assembled building components permitting simultaneous erection of exterior and interior wall surfaces in residential construction. Consult Building Products District Manager on availability.

AEP FLEXSTONE NO. 80. An extra heavy, asbestos felt, saturated with asphalt, coated with asphalt, then covered with a layer of ceramic granules that are firmly embedded into the felt. For use where a mineral surface finish roof is desired.

P FLEXTRAN Pipe. Fiber glass reinforced polyester mortar pipe for municipal and industrial waste water disposal.

P (Flintite). Compet. to J-M TRANSITE pipes.

(Flintkote). Compet. to many J-M products.

AEP Flooring Plank. See DURA-TRED Planks.

P Flue Pipe. See TRANSITE Gas Vent Pipe.

IN Foam Plastic Insulation. See AEROTUBE; ZERO-LITE.

IN (Foamglas). Compet. to ZERO-LITE pipe and block insulation.

RBP FOIL-BACK Gypsum Wallboard. Aluminum foil laminated to back surface of Regular Gypsum Wallboard provides an effective vapor barrier and thermal insulating value in a single application.

RBP FOIL-FACED Fiber Glass Building Insulation. Long, fine glass fibers of controlled diameter formed into top quality blanket of insulation that meets all industry standards. Available QUAD/PAK rolls, SNAP/PAK batts and UNI/PAK in wide range of sizes and thicknesses.

IN FOIL- FELT. A weatherproof jacket for pipe insulation; made of .002" aluminum foil bonded to asphalt saturated asbestos felt.

PK Folded Gasket. Made by folding and forming to the proper size and shape this gasket is available in KEARSARGE form for boiler applications and CHEMPAC for greater resistance to chemicals and solvents.

P Force Main. Sewer line for conveying waste under pressure. J-M TRANSITE Pressure Sewer Pipe and fittings are produced for this service.

FM FOUR STAR. Designation for premium styles of brake blocks and brake block linings. See Brake Blocks. Also see CUSTOM FOUR STAR Lining.

PK French Type Gasket. A metal jacketed gasket made of a soft filler enclosed on all but the outer edge.

FM Friction Bushings. See Bushings.

FM	Friction Materials. See Brake Block; Brake Lining; Bushings; Clutch Facings; Bearings; Steam Joint Rings; High Friction Material; Molded Friction Materials; Assembled Friction Material Sets.		
RBP	(Fry). Compet. to J-M building products.		CP GALAXY DUCROBORD design. See DECROBORD
EL	FUEL CELL. Paper and millboard of special chrysotile asbestos for membrane applications in fuel cells using alkaline electrolyte solutions; thicknesses .010" to .062".	TG	GRP. Glass Reinforced Plastics. (Also FRP, competitive fiber glass reinforced plastics.)
RBP	FUL-THIK. Fiber Glass building insulation; aluminum foil facing; kraft facing or without facing (STA-FIT); designed to give full economic insulation protection.	TG	GARAN. A special silane-type finish or sizing on fiber glass roving to provide fast wet-out and high strength retention in molded or laminated plastic parts and structures.
IN	Furnace Cement. See FIREITII.	TG	GARAN Roving. (See Roving.) Fiber glass roving with GARAN finish.
		PK	GARANMAT. See Chopped Strand Mat and GARAN (Garlock). Compet. to J-M packings.
		P	Gas Vent Pipe. TRANSITE asbestos-cement pipe designed especially for venting gas-fired appliances.
		PK	Gasket. Material placed between joints of mechanical equipment to prevent leakage; furnished in countless materials, styles, shapes and sizes.
		PK	Gasketing Tape. Strip of woven or folded asbestos material sometimes wire-inserted and impregnated with sealants; used to seal joints or closures in mechanical equipment; for applications where design does not permit use of cut or preformed gaskets.
		FM	Gear Tooth Clutch Facings. Molded facings made with teeth on the outside diameter; used primarily for industrial applications.
		RBP	GIANT UNIT Asphalt Roof Shingles. 18" long by 12" wide shingles designed for DUTCH LAP method of application Class "C" label for fire-resistance.
		AEP	(Glasfab). Compet. to J-M DURAMESII.

- TC Glass Cloth, Glass Fabric, Glass Sleeving and Tubing, Glass-Reinforced Kraft Sealing Tape, Glass-Reinforced Paper. Not J-M products, but made with J-M fiber glass textile products by other manufacturers. Contact Textile Glass Dept., Waterville Plant, for customer reference list.
- AEP GLASS CORE. A pipeline hand felt consisting of an asbestos felt heavily coated on one side with plasticized tar or asphalt enamel and reinforced with fiber glass. For hot wrapping pipeline joints.
- CEL Glass Fiber Felts for Filter Use. Available in either MICRO-FIBERS or MICRO-QUARTZ type of glass in different thicknesses and designed to use as special filter media.
- CP Glass Fiber Humidifier Board. Same product as MICRO-MIST as sold in the U.S.A.
- TC Glass Roving. See Roving.
- TC Glass Textiles. See Textiles.
- TC Glass Yarn. See Yarn.
- RBP GLAZECOAT. Former name for Wall Plank and Decorative Ceiling Panels.
- PK Gloves. See Asbestos Clothing.
- RBP (Gold Bond). Compet. to J-M Building Insulation and other building products.
- CP GOLD-BRITE. DECROBORD design. See DECROBORD.
- CP GOLDEN WEB. DECROBORD design. See DECROBORD.
- AEP GOLD LINE Asbestos Felt. There are no organic fibers in this No. 15 GOLD LINE Felt. It is based on asbestos fibers and has exceptional dimensional stability. The two guide lines down the center of the felt are gold in color.
- AEP GOLD LINE Built-Up Roofs. A system for use West of the Rocky Mountains; a 2-ply gravel surface asbestos built-up roof for use over nailable or non-nailable decks, FESCO Board roof insulation and lightweight aggregate concrete decks.
- PK Grease Seals. See CLIPPER Oil Seals.
- PK (Greene, Tweed). Compet. to J-M Molded Packings.
- FM (Grey-Rock). Compet. to J-M Friction Materials.
- RBP Grid System. See Suspended Ceilings.
- PK Groove Packing. Packing, designed for sealing high-temperature assemblies, made of asbestos in either braided, folded or fabric styles formed over resilient non-hardening cores. Available in square or rectangular cross-section.
- PK (Gruv-Seal). Compet. to J-M V-TITE.
- IN Gummed Asbestos Tape. A 12-lb. asbestos paper tape, gummed one side, furnished 2" and 3" wide in 84' rolls.
- RBP Gypsum Products. A complete line of wallboard and plaster products. Used for interior wall and ceiling construction. Includes Regular, FIRETARD, Insulating and Decorative Vinyl-Faced Wallboards; Sheathing; Core Board; Base Boards; Joint Compounds; Partition Systems.
- RBP Gypsum Sheathing. Asphalt-treated, water-resistant core protected by highly water-repellent paper. Eliminates need for building paper unless required by local codes.

H

- FM** **HD Roll and Sheet Stock.** Heavy duty brake lining bulk stock of **FOUR STAR Heavy Duty Molded.**
- FM** **HDM Clutch Facing.** Heavy-duty-molded facing designed especially for truck and industrial applications; composed of asbestos fiber, phenolic resin binder, friction particles and brass chips; engineered to resist high temperatures, fade or slipping and wear on mating surfaces; has good spin strength and torque capacity; performs effectively and is recommended in applications where metallic facings are specified.
- RBP** **HPD Coating.** High Polymer Dispersion plastic coating used for **ROCK-SHAKES Siding.**
- IN** **H.T. Block.** See **BANROC.**
- PK** **Handhole Gaskets.** See **Boiler Gaskets.**
- PK** **Hat-Shaped Cup.** A molded automatic lip-type packing used for sealing a rod or plunger in a pressurized hydraulic system; also used on rotating shafts in some instances. See **Molded Packing Cups.**
- IN** **Headliner.** See **Acoustical TOPLINER.**
- PK** **Heat Exchanger Gasket.** Gasket used in sealing joints and closures in industrial heat-transfer equipment; may be furnished cut from sheet metal or solid metal or in the double jacketed metal-asbestos construction.
- IN** **Heat Treating Cement.** A ready-mixed refractory cement for use in the heat treating of high-carbon steel parts; for temperatures up to 2500F.
- PK** **Heavy Cross-Section Gasket.** Generally rectangular or triangular shaped gaskets, machined in heavy cross-sections from solid metal for high-pressure, temperature service; seals by line contact or wedging action. See **V-TITE Gasket; BX Gasket; Transition Rings; DELTA Gasket; Bridgeman Gasket; Lens Ring Gasket.**

- PK** **Helix-Wrap.** A flame resistant covering for Flexible Metal Pipe. Can be removed and re-installed without disconnecting Pipe. Primarily aircraft service.
- IN** **HELLITE.** A refractory mortar for laying fire brick or for wash-coating brick, or for shallow patching cold and hot refractory surfaces.
- PK** **(Hercules).** Compet. to **J-M Molded Packings.**
- RBP** **Hexagonal Roof Shingles.** An asphalt strip shingle, or an asbestos-cement shingle with **CORRGRAIN** texture; produce a hexagonal pattern on roof.
- RBP** **HIGHLANDS 300 SEAL-O-MATIC Roof Shingles.** Extra thick; giant surface granules; 2-tab design; UL Class "C" label. Also available **HIGHLANDS 300 Asphalt Strip Shingles** in some areas.
- PK** **High Pressure CLIPPER Oil Seal.** Flexible lip type Oil Seal design developed specially for combined high-speed and high-pressure service in rotary, reciprocating and combined motions. See **CLIPPER Oil Seal.**
- EL** **High Strength FIBROID Paper.** See **FIBROID Paper.**
- RBP** **Hip and Ridge Shingles.** Specially designed shingles for covering hips and ridges of roofs; furnished in same material as shingles. Available for asphalt, fiber glass and asbestos-cement roofings.
- RBP** **HONESTEAD.** Plastic-surface mineral fiber siding shingles in range of colors. Simulate individual wood shakes.
- AEP** **HONEY-CORR.** A translucent, decorative structural sandwich panel. It has a cellular core with flat, translucent sheets laminated to both sides. Facing sheets are made of Lucite acrylic sirup reinforced with glass fibers. These elements can be varied in many ways to meet a wide range of requirements. Colorful, durable and easy to install. For exterior or interior use.
- IN** **Hood Insulation.** See **Fiber Glass Hood Liner.**
- PK** **(Houghton).** Compet. to **J-M Molded Packings.**

P	House Connection Pipe. See TRANSITE Building Sewer Pipe.		
P	House Pipes. TRANSITE Building Sewer Pipe, TRANSITE Air Duct, TRANSITE Vent Duct.	IN	IFB Mortar. See Mortar.
PK	Hub Oil Seal. Sealing elements employed on axles of trucks, trailers, buses to permit use of oil instead of grease.	IN	Incombustible Hullboard-SG. A glass fiber marine insulation; furnished plain or faced with treated glass fiber cloth, the face board, when applied with tape covering the joints, forms both insulation and interior surface.
IN	Hull Board. See Incombustible Hullboard-SG.		
IN	(Hy Temp). Compct. to J-M SUPEREX.	PK	Inconel Mesh Packings. Packing in ring and tape form made of Inconel, a nickel-chromium-iron alloy; this alloy, in fine wire form, is knitted into mesh, which is tightly braided into a highly resilient, non-sealing and non-magnetic packing; successfully used in aircraft-spacecraft industries.
CEL	HYFLO SUPER-CEL. A finely divided, flux-calced diatomaceous silica CELITE filter aid; combines high flow rate with excellent clarity.		
CEL	HYSWEET. A synthetic silicate sweetener powder used by the dry cleaning industry; removes free fatty acids and other odor-bearing solubles.	AEP	Industrial Bonded Mat. A glass fiber mat bonded with various synthetic resins; used for plastic reinforcement, filters, decorative surfaces and battery retainers.
		P	Industrial Pipe. J-M TRANSITE Industrial Water pipe. Waste pipes, Vent pipes, KORDUCT and Conduits. Also J-M FLEXTRAN for disposal of corrosive wastes; J-M CHEMTITE pipe for conveying highly corrosive process fluids. See these listings.
		AEP	Industrial Saturating Mat. A glass fiber mat bonded with phenolic resin; used as a base for roofing and pipe line felts.
		P	Vent Duct Pipe. Asbestos-cement pipe specially designed for venting of industrial gases, fumes, vapors, dusts.
		P	Industrial Waste Pipe. TRANSITE asbestos-cement pipe and FLEXTRAN pipe produced in designs suited for storm water drainage, sanitary waste, process waste, mine waste water and oil field service.
		P	Industrial Water Pipe. TRANSITE pipe produced in designs specially suited for fire lines, potable water, cooling water, process water supply.

RBP Insulating Board. A material made from wood fibers formed under pressure into a sheet; used in manufacture of sheathing, Decorative and Acoustical Ceilings, utility boards, insulating siding and roof insulation. See Building Board; Cant Strip; Decorative Ceiling Panels; FIBRETONE; Insulating Siding; KLEFTONE; Lay-In Panels; Mobile Home Board; ROOFINSUL; SERVICE BOARD; Shingle Backer; WEATHERBRACE; WEATHERTITE Sheathing.

RBP Insulating Board Cant Strip. See Cant Strip.

IN Insulating Brick. A brick of high insulating value generally used as back-up insulation behind linings of fire brick; J-M insulating brick is made from diatomaceous silica CELITE. See SIL-O-CEL.

IN Insulating Cement. Cement normally used for insulating irregular surfaces such as valves and flanges where it is impractical to apply pipe insulation or blocks.

IN Insulating Fill. See FIL-INSUL.

IN Insulating FIREBLOK. See Insulating Firebrick.

IN Insulating Firebrick. A brick made principally from refractory clay; used for temperatures up to 3200F; furnished in many shapes and sizes, the large sizes being called Insulating FIREBLOK.

IN Insulation Accessories. Materials such as Cold Water Paste, Lath, Staples, Jute, Fibrous Adhesive, Silicate of Soda and S-A Adhesive; used in applying insulation to pipes, vessels, fittings, etc.

IN INSULKOTE. A coating for the protection of insulated surfaces against weather or water vapor; compounded of bitumens, asbestos fiber and mineral fillers.

IN (Insul-Mastic). Compet. to J-M INSULKOTE.

AEP (Insulpanel). Compet. to J-M Asbestos TRANSITOP.

PK INTERLOCKED Packing. A resilient braided packing its construction, of interlocking braided asbestos yarn, prevents unraveling or coming apart.

IN INTERLOK. See MIN-KLAD INTERLOK.

P Irrigation Pipe. TRANSITE asbestos-cement pipe produced in designs specially suited for irrigation service. Full line of fittings available.

P (Italit). Compet. to J-M TRANSITE pipe.

J

- CP J-M "No. 61." An acoustical sound absorbing element consisting of two layers of mineral fibre felts of different densities with a laminated reinforced asbestos membrane sandwiched between them.
- PK Also a type of compressed asbestos gasket sheet.
- CP J-MAX. Trade name for an asphalt-coated sheathing paper with Kraft base sold only in Western Canada by the Building Materials Section of the Canadian Products Division.
- CP PK J-M Mechanical Seal. Mechanical gland for sealing rotary shafts.
- PK JEWETT Packing. Made from braided wire-inserted asbestos yarn; often furnished in die-formed rings for use in valves, faucets and mechanical devices where heat resistance, toughness and resistance to wear are factors.
- PK (John Crane). Compet. to J-M Packings.
- RBP Joint Compounds. Joint treatment products for use in gypsum wallboard construction to provide smooth, flat surfaces and strong joints.
- PK Joint Runner. See Asbestos Joint Runner.
- PK Joint Sealing Compound. See AQUASEAL and PLASTISEAL.
- IN Jute. See Insulation Accessories.

K

- IN (Kao wool). Compet. to J-M THERMOFLEX Felt.
- IN (Kaylo). Compet. to J-M THERMOBESTOS.
- IN (Kay-Therm). Compet. to J-M THERMOBESTOS.
- PK KEARSARGE Packing. Made of rubberized woven asbestos fabric; furnished as cut gaskets, folded gaskets, sheet material, rod packing and fabricated gaskets.
- IN (Kearsbey & Mattison). Compet. to J-M products, particularly insulation.
- IN (Keasite). Compet. to J-M SIL-O-CEL.
- CEL (Kenite). Compet. to J-M CELITE.
- AEP (Kermac Outer Wrap). Compet. to J-M DURAMAT.
- RBP KOLOR-KAP DUPLEX Fiber Glass Roll Roofing (Cold-applied, low-slope residential roofing with Class "B" Fire-Rating Provides double coverage over entire roof area. Mineral granule surface in four colors.
- P KORDUCT. TRANSITE asbestos-cement duct designed specially for enclosing electrical cable when the duct is to be encased in concrete prior to burial.

L

- IN** **L.W. Aggregate.** Lightweight aluminum silicate aggregate used for making insulating refractory concretes; maximum service temperature to 2400F.
- IN** **Lagging.** Block material for insulating tanks and boilers; usually comes in curved or tapered form and can be made from any of several materials.
- RBP** **Lap Cement.** An Asphalt-solvent blend of medium brushing consistency for sealing lap of roll roofings applied by exposed nail method. See SEALAP Lap Cement.
- IN** **LAPTITE.** An asphaltic cement for sealing the laps of pipe insulation jackets exposed to the weather.
- IN** **Lath.** See Insulation Accessories.
- PK** **(Lattice).** Compet. to J-M INTERLOCKED Packing.
- RBP** **Lay-In Panels.** Acoustical or decorative patterns made in 2' x 2' and/or 2' x 4' panel sizes for suspended ceiling systems, using J-M Grid System.
- AEP** **Lead Head Bolts and Drive Screws.** Fasteners for Corrugated TRANSITE.
- PK** **Lead Joint Runner.** See Asbestos Joint Runner.
- PK** **Lens Ring.** A solid metal gasket; with sealing surfaces machined to a spherical radius; for use in very high pressure piping applications.
- PK** **LIBERTY Packing.** Red rubber sheet and gasket material furnished plain or wire-inserted; used against water, air and medium- or low-pressure steam. Also see Sheet Packing.
- AEP** **Light Shells.** Cast acrylic, vault shaped "lay-in" ceiling units. Standard size 23-5/8" x 23-5/8" with a 3" third dimensional depth. Color is white of high translucency.

- IN** **LINA-COUSTIC Duct Liner.** A flexible, all-black, fiber glass blanket-type insulation for interior of sheet metal cooling and heating ducts.
- PK** **(Linear).** Compet. to J-M Packings.
- FM** **Lined Disc Brake Sets.** Brake Lining pads are integrally molded to a steel backing plate for passenger car and light truck service. The friction material is medium gray in color and contains asbestos fiber and metal particles. Sets contain 4 pieces (Axle Set).
- PK** **Listing.** See Asbestos Listing.
- CP** **LOCNOTCH.** Trade name for an asphalt roofing'single with ceramic granule surface; unit type 16" x 16" with a 14" x 14" exposure; weight 125 lbs. per square; sold by Building Materials Section of Canadian Products Division; called WESTLOC in Western Canada.
- PK** **LO-FLO CHEMPAC Tape.** A blue tape made from TPE filled with glass fiber.
- P** **(Lok-Joint).** Compet. to J-M TRANSITE Water Pipe.
- PK** **LOKLUBE.** Color-coded packings for service in centrifugal and rotary pumps.
- RBP** **LOK-PALLET.** A method of shipping asbestos shingles in glue-locked units of 6 and 12 squares; makes handling and storing easier.
- RBP** **LOK-UNIT.** A method of shipping asphalt roofing in packages locked together in units (8-2/3 squares for the commonest types of roofing); makes handling easy with fork lift equipment.
- CP** **Loose Wool.** See BANROC and SPINTEX.
- AEP** **Louvre Blade.** A Corrugated TRANSITE accessory.
- CP** **Low Slope.** A shingle designed for application on roof slopes less than 4" in 12" and more than 2" in 12".

AEP LPC. Acoustical ceiling panels. See PARTICLE-GARD LPC FIREDIKE Low Particle Count Panels.

AEP Luminous. A Lucite, glass fiber reinforced "lay-in" unit. Finished in white, either solid or drilled. Drilled patterns, installed in a plenum system permit air flow as well as light and acoustical transmission.

CP Luminous. Prismatic Clear and White and Louvered White (Styren) Lay-In Panels which serve as light diffusers for use in the J-M Suspended Ceiling System.

M

IN Magnesia, 85%. A high temperature insulation for service up to 600 F, composed of 15% asbestos fiber and approximately 85% basic carbonate of magnesia; furnished in pipe coating and block form and as a cement.

PK Manhole Gaskets. See Boiler Gaskets.

IN MARIMET. Calcium silicate structural-insulating board for feeding and conveying nonferrous metals up to 1800F.

IN Marine Acoustical Unit. A two-foot square section of Pertorated MARINE VENEER with an attached element of sound-absorbing mineral wool; used for acoustical treatment in ship construction.

IN MARINE VENEER. Strong, flexible, fire-resistant sheets made of asbestos and cement; used for low-maintenance ceilings and wall facings on ships; available in natural gray and pastel colors. See Colored MARINE VENEER.

IN MARINITE. A composition of asbestos fiber, diatomaceous silica and lime formed into calcium silicate sheets which have structural strength, fire resistance and insulating value; used as fire-safe wall partitions in ship construction and as a fireproof base for wood veneers; also used to construct industrial ovens and other insulating enclosures, for handling molten metals, and drying trays in dielectric core drying ovens, for back-up of electrotape printing mats, and for fireproof doors.

AEP MAXLITE. A color of CORRULUX characterized by maximum light transmission.

PK Mechanical Packing. Material designed to throttle leakage between moving parts.

PK Mechanical Seal. J-M markets a line of machined, metal units designed to replace conventional stuffing boxes and ring packing ordinarily used on pumps. Mechanical seals provide positive sealing where no leakage can be tolerated or in cases involving severe service, as with pumps handling abrasives.

RUP Medium Blanket. Foil-faced fiber glass building insulation, 11", 15", 19" and 23" wide.

IN Melamine Bonded Fiber Glass. A white, lightweight, incombustible blanket for decorative use, gasket cushioning and other applications.

AEP **IN** **MELAMITE**. High-pressure plastic decorative laminate for application as counter top, wall paneling, surfacing material for furniture and marine bulkheads.

PK Mesh Core **TADPOLE**. A soft type of **TADPOLE** possessing a high rate of recovery and great temperature resistance; has an Inconel mesh core. See Inconel Packing.

FM Metal-Backed Clutch Facing. See UHS Clutch Facing; **SWAB** Facings.

IN Metal Building Insulation. **MICROLITE** and **RIGID-BORD** glass fiber with vapor barrier facing used as thermal and acoustical insulation in metal buildings; the outside plates of the building are bolted through the insulation to the frame.

PK Metal Jacketed Gasket. Available in irregular or non-circular shapes, consist of soft compressible filler (asbestos, TFE, etc.) partially or wholly enclosed in a metal jacket. See French Type Gasket; Boiler Gasket; Single Jacketed Gasket; Double Jacketed Gasket.

IN **METAL-K**. An all-metallic pipe and blanket insulation consisting of inner reflective foils and a stainless steel outside cover sheet. Used to protect nuclear reactor systems against contamination and where utmost cleanliness and resistance to gas erosion or chemical attack is important.

IN **METAL-LOK** Pipe Insulation. **MICRO-LOK** fiber glass pipe insulation with factory-applied aluminum jacket.

IN **METAL-ON** Insulation. **THERMOBESTOS** Pipe Insulation with a factory-applied jacket of aluminum; joints are sealed with special aluminum "snap straps" and metal bands.

P (Metalbestos). Compet. to J-M **TRANSITE** Vent Duct.

PK Metal-Gaskets. Gaskets made of metal alone, used for sealing joints in mechanical equipment, typically under conditions of high heat or pressure or both.

RBP **METALOK** Shingle. Asphalt roofing shingle furnished in individual units; butt fastened with staples or cement. Available Standard (approx. weight 145 lbs. per square), No. 155 (approx. weight 155 lbs. per square) and No. 165 (approx. weight 165 lbs. per square).

PK **METAN** Clip Cushion. A cushion material for the AN Clip used by aircraft, missile and engine manufacturers; made of stainless steel mesh, it is soft and pliable and is designed for service up to 1000F.

P Meter Pits (Boxes). An approx. 3 ft. length of large diameter **TRANSITE** Pipe which, together with a ground level cover, is used to house a water meter when the meter is located underground outside the house.

CP **MICRO**. An acoustical perforated design used on **SPIRTONE**.

IN **MICRO-AIRE MF** Duct Board. Same as **MICRO-AIRE** Duct Board but with pre-molded male and female slip-joint along edges.

IN **MICRO-AIRE** Duct. Preformed round fiber glass insulation with factory-applied aluminum-pigmented plastic or aluminum foil jacket; used in warm or cool air systems.

IN **MICRO-AIRE** Duct Board. Fiber glass board with 3-mil aluminum or FSK facing, for shop or job-site fabrication into rectangular ducts and fittings for residential, commercial and institutional cooling and heating systems. Single product provides thermal and acoustical insulation and vapor barrier.

IN **MICRO-AIRE FS** Duct. Preformed round fiber glass duct with integral foil barrier midway in wall thickness and no jacket. For warm air heating systems and air conditioning installations not requiring a vapor barrier.

AEP **MICROBAN**. A mineral wool acoustical ceiling with an antibacterial, self-sanitizing surface finish.

IN MICROBESTOS Paper. An asbestos reinforcing material which after saturation is used in the manufacture of reinforced plastic products.

CEL MICRO-CEL. A hydrous synthetic calcium silicate of high liquid absorption, fine particle size and high bulking value, used as a carrier in insecticides and as an anti-caking agent for fertilizers, animal feeds, food products, hiding extender in paint.

IN MICRO-COUSTIC Duct Liner. A resilient, all-black, dual-density blanket of fiber glass thermal and acoustical insulation for lining the interior of sheet metal cooling and heating ducts.

IN MICROFELT. Thin blanket of fine glass fibers (1/4" nominal thickness); used for thermal and acoustical requirements in appliances; maximum temperature 350F.

IN MICRO-FIBERS. A borosilicate glass fiber insulation furnished in flexible felt (3/16" and 1/2" thick), web or bulk form; for temperatures to 1000F for Type 475 felt and to 1200F for Type E felt; also used as a filter aid.

IN MICROFINE. A lightweight, resilient, thermal and acoustical insulation made of glass fibers bonded with thermosetting resin; resin content is lower than in B-Fiber insulation and the filament diameter is slightly larger; see MICROLITE B-Fiber.

IN MICRO-FOIL Tape. An insulating tape utilizing 3/16" thick MICRO-FIBERS felt in 1" to 6" widths cemented to a soft aluminum backing; used to insulate small parts, tubing and piping where other means are impractical or inconvenient.

IN AEP MICROLITE. A low-density, resilient insulating blanket possessing good physical, thermal and acoustical properties, formed from fine glass fibers; temperature range is sub-zero to 350F. Used primarily in faced or coated form as duct wrap or liner.

IN MICROLITE AA FIBER. Lightweight felts of non-bustible glass fibers bonded with a thermosetting resin, the fibers are much finer than B-Fibers of regular MICROLITE. The letter, "AA" designate a filament diameter of .00003" to .0005", used in aircraft and other specialized applications.

IN MICROLITE B-FIBER. Lightweight felts of non-bustible "B" glass fibers bonded with a thermosetting resin unbonded; efficient at temperatures from sub-zero to approximately 400F and as a sound-absorbing material, the letter "B" designates filament diameter of .00010" to .00015".

IN MICRO-LOK. A one-piece fiber glass pipe insulation with full-length "spring hinge" action; for temperatures from sub-zero to 370F.

IN MICRO-MIST. Humidifier plates.

IN MICRO-QUARTZ. A high-temperature glass fiber insulation furnished in flexible felt (3/16" and 1/2" thick) or bulk form, composed of 98% pure quartz; for temperatures to 2000F where space and weight considerations are paramount; also used as a filter aid.

IN MICRO-TUF. A strong, lightweight, resilient glass fiber appliance insulation for water heaters, stoves and refrigerators. Style C 750 is made for use in ranges as oven insulation.

IN Millboard. See Asbestos Millboard.

TG Milled Fibers. Fiber glass strands chopped into short, uniform lengths (1/32" to 1/4" range). Used in resin mixtures, putties and premix molding compounds to improve impact strength, dimensional stability, and to prevent crazing on the surface of molded parts.

IN Mine Cement. A general utility cement made from short asbestos fibers; used for insulating boilers and pipe fittings, temperature limit is 1000F.

P Mine Drainage Water. J-M TRANSITE pipe often employed in this service.

FM

MINI-BLOK. Small precision-molded friction elements constructed of asbestos fiber and friction particles; supplies the demand for small friction elements for driving clutches, torque limit clutches and brakes of all kinds; produced in almost limitless combinations of shapes and sizes.

IN

MIN-K. A molded fibrous insulating material furnished in special shapes and sizes; designed principally for use on rockets, missiles and jet aircraft; can withstand high heat and has an extremely low thermal conductivity.

IN

MIN-KLAD. A molded combination of MIN-K and asbestos-reinforced plastic faces. Also see MIN-K.

IN

MIN-KLAD INTERLOK. MIN-K and asbestos-reinforced plastic formed into an interlocking structural unit that combines strength, toughness and rigidity with high insulating value.

BP

Mira-Crylic. Special clear plastic over-spray for plain white wood fiber ceiling tile to provide washability.

CP

RBP

Mobile Home Board. Industrial insulating board 3/8" and 1/2" thick furnished impregnated, and impregnated and coated, with asphalt; sold to mobile home and trailer manufacturers.

RBP

Mobile Home Insulation. Low-density, lightweight batt or blanket (called FLEXA-BATT and FLEXA-ROLL) of incombustible glass fibers bonded together with a thermosetting resin; for temperatures from sub-zero to 400F; excellent thermal and acoustical properties; furnished plain or with vapor barrier facings for sale to mobile home and trailer manufacturers.

PK

MOBILENE Packing. Sheet and gasket material made from brass-wire-inserted asbestos fabric coated and impregnated with special red rubber compound for use on rough cast flanges such as exhaust manifold flanges, water jacket connections; used widely in marine service.

RBP

MOBIL-R Batt Insulation. Easy-to-handle and install fiber glass batts in roll form with each batt lightly connected to the next one. Sold to mobile home manufacturers.

RBP

(Mobil-Roll). Compact, to J-M Mobile Home Insulation.

RBP

MODERNEDGE SLATEKOTE SLATEKOTE. Furnished with a center split in a pyramid pattern.

PK

MOGUL. A soft, pliable rod and valve stem packing made from twisted or braided asbestos yarns which have been lubricated and graphitized; used for packing against oil, air, water, ammonia, brine and weak chemicals.

AEP

Molded ASBESTOS EBONY. See ASBESTOS EBONY.

AEP

Molded ELECTROBESTOS. See ELECTROBESTOS.

FM

Molded Friction Materials. Used to make linings, blocks and facings suitable to withstand heavy shock loads where sudden application tends to crush or shear ordinary friction materials. Molded facings have high spin strength and exceptional torque capacity.

PK

Molded Gasket. A rubber gasket molded rather than die-cut to specified dimensions. See Gasket.

PK

Molded Packing. See CHEMPAC, CLIPPER Rod Wiper, CLIPPER Seal, CONEPAC, CUMPAC, Deep Base UNEEPAC, Excluder, Hat-Shaped Cup, Molded Gasket, Molded Packing Cups, O-Ring, SEA Ring, Slinger, Type "A" Cup, Type "U" Cup, UNEEPAC, V-Ring, WILDCAT.

PK

Molded Packing Cups. Packing precision-molded from rubber compounds, often combined with asbestos fiber, cotton duck, etc.; used on reciprocating pumps, hydraulic and pneumatic equipment and on other machines using slow-moving rods, plungers and pistons; furnished in three basic shapes: Type "A," Type "U" and Hat-Shaped.

IN

Molding Compound. See THERMOMAT.

IN

MOLTEN METAL MARINITE. A strong board insulation made of amosite asbestos fiber, diatomaceous silica and an inorganic binder. Used for laundries, troughs, nozzles, spouts and baffles, distributors, etc., for feeding and conveying molten metals up to 1350F.

AEP (Monobestos). Compet. to J-M FLAT TRANSITE.
IN

IN (Mono-Block). Compet. to H. T. BANROC Block.

PK (Monoseal). Compet. to J-M Type "U" Caps.

IN Mortar. A material used for filling the joints between brick used as back-up insulation; several kinds are sold for use with different types of brick and varying service conditions.

Moulded. See alternative spelling "Molded."

P Municipal System Pipes. J-M TRANSITE Water, Sewer, Storm Drain and Underdrain Pipes are asbestos-cement pipes designed specially for service as water and sewer mains and laterals and drain lines. TRANSITE KORDUCT, Conduit and Telephone Ducts provide for protection of electrical and telephone cables in underground or exposed locations. J-M PVC Plastic Pipes are designed for small-diameter water service lines.

PK MULTISEAL Gasket. A solid metal gasket with raised cross-section ribs in a waffle-like pattern.

EL Mylar Tape. See Polyester Tape.

N

RBP NCP. A special Johns-Manville process for locking colors into mineral fiber roofing and siding shingles.

IN (National Gypsum). Compet. to J-M Insulations and building products.

PK NAVALON. Packing material made from ramie fiber, used for packing against cold water; originally designed for marine service but now widely used in industry.

IN NAVASEAL. See Sealing Compounds.

AEP Nelson Welding Stud. A corrugated TRANSITE fastener.

PK NIAGRITE. A felted asbestos tape for wrapping around electrical cables as fireproofing; usually reinforced with 1/4" x 1/4" asbestos cloth.

PK Nitrile Rubber Sheet. Soft, high-grade sheet packing recommended as gasketing material for solvents and aromatic fuels.

IN NODRSEAL. Sealing Compounds.

IN Non-Woven Asbestos Felt. See THERMOMAT.

PK Nozzle Packing. Rings made for service to 5000F for 90 seconds; used in the missile industry.

O

PK **O-Ring.** Molded packing ring of circular cross-section used in piston and rod applications; can also be used as a molded gasket in especially designed grooves.

AEP **OHMSTONE.** An asbestos-cement board impregnated with water repellent and non-carbonizing insulating compounds; used as a base material for mounting electrical control equipment; high arc-resistance makes it especially useful under dusty conditions.

PK **Oil Burner Wicking.** See Asbestos Listing.

PK **Oil Seal.** See CLIPPER Oil Seal.

PK **Oil Slinger.** See Slinger.

RBP **Organic Felt.** See Rag Felt.

P (Orangeburg). Compet. to J-M pipes.

AEP **Outer Wrap.** See DURAMAT.

P

PCA Tape. Self-adhering, fabric tape faced with aluminum pigmented vinyl. For sealing joints between sections of pre-formed round J-M MICRO-AIRE fiber glass, plastic-jacketed ducts.

PVC Pipe. J-M manufactures RING-TITE and solvent-weld PVC Plastic Pipes from Polyvinyl Chloride resin suitable for use in water and natural gas service lines, irrigation lines and other purposes.

Packing. Any material used for sealing joints between stationary or moving parts to prevent leakage or throttle it.

Packing Cups. See Molded Packing Cups.

Palletized Singles. See LOK-PALLET; LOK-UNIT.

PAL-LITE. A sheet made from asbestos fiber and inorganic binder; used in drying operations in ceramic plants.

Paper Electrical Tapes. Tapes made of black or yellow paper; furnished flat or creped with a pressure-sensitive or thermosetting adhesive.

(Parachute Packing). Compet. to J-M V-RING and UNEEPAC.

PARALLELO-LAP Asphalt Roof Shingles. 18" long x 12" wide slant-edge design shingle. Available Standard and No. 175. Class "C" label for fire-resistance.

PARTICLE-GARD LPC FIREDIKE Low Particle Count Panels. Mineral fiber panels fabricated for controlled environments. They meet requirements for Class 100 clean rooms. Panel surfaces have an anti-dusting finish sealed with an anti-static clear plastic overspray; factory-coated and annealed edges and an anti-fallout back coating. Approved by Underwriters' Laboratories for 1, 1-1/2 and 2 hour fire-retardant floor and ceiling assemblies. Panel sizes are 24" x 24" or 24" x 48" x 5/8".

PEARLDAPPLE DECROBOARD DESIGN.

See DECROBOARD.

AEP Perforated FLEXBOARD. Asbestos-cement peg-sheets with 9/16" holes spaced 1" on center. Also available with 3/16" holes spaced .974" on center or .487" on center.

IN Perforated MARINE VENEER. MARINE VENEER perforated for use as acoustical treatment in ship construction.

IN Perimeter Insulation. Rigid pieces of J-FOAM, ZERO-LITE used as insulation around the perimeter of homes built on concrete slabs.

CEL Perlite. A raw material composed of grayish volcanic rock; used for its high insulating properties and as a CELITE filter aid and filler material.

AEP (Permaboard.) Compet. to J-M ASBESTOBOARD.

AEP PERMACOUSTIC. Mineral wool acoustical ceiling unit with a stratified or fissured surface; standard sizes are 12" x 12" and 12" x 24", 3/4" thick; provides both acoustical value and good looks; rated Class "A," noncombustible.

AEP PERMACOUSTIC FIREDIKE. Permacoustic sound control ceiling tile specially processed for fire-resistance. For use in time-temperature rated floor and ceiling constructions. See PERMACOUSTIC.

AEP PERMACOUSTIC Ventilating Tiles and Panels. Have through-perforations for ventilating ceilings. See PERMACOUSTIC.

IN (Permagum). Compet. to J-M Sealing Compounds.

AEP PERMATONE Battens. Asbestos-cement battens designed for efficient flashing and weather-sealing curtain or window wall joints. Available in a choice of 15 life-long, attractive PERMATONE colors. Substantially thicker than ordinary asbestos-cement battens thereby eliminating scalloping between fasteners.

RBP PERMATONE Coatings. A paint finish for exterior surfaces such as stucco, shingles, masonry, wood, aluminum, etc. 10 colors.

AEP PERMATONE "S" FLEXBOARD. Specially formulated, autoclaved, asbestos-cement sheet which has been repressed, sanded then coated with a colorfast finish. Available in 18 standard colors and 8 accent colors. Used as building sheet for exterior and interior construction. See Asbestos FLEXBOARD.

CP (Permax). Compet. to J-MAX.

P Phenolic Pipe, Couplings, Fittings and Valves. J-M CHIEMTITE Pipe, Couplings, Fittings and Valves are available in asbestos-reinforced phenolic.

P Pilot Pipe Tool. Brand of asbestos-cement pipe cutter approved for use in cutting TRANSITE asbestos-cement pipe.

RBP PILOT Roofing. A smooth-surfaced asphalt roll roofing with mica finish on one side and a talc finish on the other, furnished 36" wide by 36' long rolls.

P Pipe. J-M manufactures TRANSITE asbestos-cement pipes, FLEXTRAN fiber glass reinforced polyester mortar pipe, CHIEMTITE asbestos-reinforced epoxy, phenolic and polyester pipes and PVC Plastic Pipe. J-M markets lines of couplings, fittings and accessories for use with the various types of J-M pipes. See the listings of the pipes named.

IN Pipe Covering. See AEROTUBE Insulation; Combustible Pipe Insulation; FIRE FELT; FLAME-SAFE, 85% M.L. resin; METAL-ON; MICRO-LOK; METAL-LOK. Sectional Pipe Covering; Segmental Pipe Covering. SUPALTEX, THERMOBESTOS; THERMO-TAPE; THERMO-WRAP Wool Felt.

AEP Pipe Line Fabric. See DURAMESH.

AEP Pipe Line Felt. See Asbestos Pipe Line Felt.

AEP Pipe Line Joint Wrap. See DURATAPE, EN GARDE and TRANTEX.

AEP Pipe Line Padding. See Flexible Rock Shield

AEP Pipe Line Rock Shield. See Flexible Rock Shield

PK PIPE-PAC. TFE in tape form used as a sealant for Teflon pipe threads.

AEP Pipe Wrap. See Asbestos Pipe Line Felt, BLUE FLAG and TRANSHEILD.

AEP Pipe Wrap Tape. See DURAMESIL, DURATAPE and ELGARDE

P Pipes-Couplings. A Johns-Manville coupling has been designed specifically for each pipe. Couplings are designed to maintain the integrity of the pipe line and provide for simple, fast installation of the line. The couplings described below include only those couplings with names or designations which do not identify the pipes with which they are to be used.

Calder Coupling: A rubber-sleeve coupling-adaptor secured by straps for joining TRANSITE Building Sewer Pipe to cast iron and clay pipes. A series of adaptor bushings are used to compensate for differences in diameter due to size differences or pipe end conditions. In limited distribution.

Epoxy-lined RING-TITE Coupling: See RING-TITE Coupling.

Plastic Couplings: For use with TRANSITE electrical and telephone conduits, TRANSITE Underdrain and TRANSITE Storm Drain Pipe. Tapered to fit machined ends of ducts with diameter same as duct diameter. Watertight, siltproof joint allowing greater deflection in the line.

RING-TITE Coupling: For joining TRANSITE Water Pipe, Sewer Pipe and Building Sewer Pipe. Asbestos-cement sleeve is grooved internally to accommodate 2 rubber compression rings. When pipe end is pushed into the coupling a ring is compressed and grips the pipe end providing a watertight, flexible joint. Fully approved. Available with epoxy-lining or use with corresponding pipes.

SHVLINSON Coupling: For joining TRANSITE Air Ducts in 4" through 36" sizes for institutional, commercial and industrial projects. A rubber sleeve is held in position over the joint by 2 straps. Assembled in a few minutes. Watertight.

P Pipes - Fittings and Accessories. As with couplings, Johns-Manville provides fittings for use with each J-M pipe. Information about fittings for any type of pipe may be obtained from the office responsible for the pipe. The fittings below include only those not readily identified with a particular pipe. Accessories include tools and installation materials.

Oil Field Service Fittings: Special fittings for use with TRANSITE pressure pipe in Oil Field Service.

Plastic Spacers: For use with TRANSITE conduits in installing multiple conduit lines.

Installation Materials and Fabrication Tools. Information about caulking rope, joint cements, gaskets and other installation materials is available from the department responsible for the pipe concerned.

Information about pipe cutting and machining tools, threading tools and other tools is available from the department responsible for the pipe concerned.

PK Piston Packing. See Rod, Plunger, Valve Steam and Piston Packing.

AEP Pitch. See Roofing Pitch.

CP Plain White. The standard white finish for FIBRE-TONE ceiling tile and lay-in panels.

BP PLANET Base Felt. An asphalt saturated and coated felt used as a base felt for several built-up roof specifications.

PK Plant Fiber Sheet. See SEIGELITE.

AFD PLASTIBEST. A reinforcing asbestos fiber designed primarily for the plastics industry; sold by the Asbestos Fibre Division.

RBP Plastic Cement. See Black Plastic Cement.

EL Plastic Electrical Tape. See Polyester Tape.

PK Plastic Packing. An extruded packing material made from a mixture of asbestos fiber, lubricant and such other materials as rubber or metal; used on valve stems and centrifugal pumps.

P Plastic Pipe. See PVC; CHEMTITE.

P Plastic Pipe and Fittings. J-M manufactures RING-TITE and solvent-weld PVC Plastic Pipes. See listing.

RBP Plastic-Surfaced Siding Shingles. See HOMESTEAD; ROCK-SHAKES.

PK PLASTISEAL. Expanding joint-sealing compound for threaded or gasketed joints; expands when heated; resists oil and solvents but is soluble in water.

PK Plunger Packing. See Rod; Plunger; Valve Stem; Piston Packing.

TG PLY-MAT. A bonded combination of VITRO-FLEX chopped strand mat and VITRON woven roving used in hand lay-up method. Supplies exceptional strength and stability, especially in large reinforced plastic structures and laminates.

EL Polyester Film Tape. An electrical tape with thermosetting adhesive; furnished 2-1/2 and 3-1/2 mils thick (including adhesive); has high dielectric strength.

P Polyester Pipe, Fittings and Valves. J-M CHEMTITE pipe, fittings and valves are available in asbestos reinforced polyester. FLEXTRAN pipe consists of glass reinforced polyester and sand.

AEP (Polyken). Compet. to pipe wraps.

IN Polystyrene Insulation. See ZERO-LITE.



CP

Polystyrene TRANSFOAM Type I. A structural insulated sandwich panel made with a self-extinguishing core of heat expanded polystyrene beads fused into a closed cell structure. The core is faced both sides with incombustible Asbestos FLEXBOARD; furnished 4' wide in lengths from 6' to 12'; standard thicknesses 11/16", 1-1/8", 1-9/16", 2"; used for roof cladding and as structural infill panels for curtain wall grids; combines structural strength with insulating value. See Series 300 to 700 Wall Systems.



CP

Polystyrene TRANSFOAM Type II. A structural insulated sandwich panel made with a self-extinguishing core of polystyrene foam expanded into a rigid closed cell structure; the core is faced both sides with incombustible Asbestos FLEXBOARD; furnished 4' wide in lengths from 6' to 12'; standard thicknesses 11/16", 1-1/8", 1-9/16", 2"; used for roof cladding and as structural infill panels for curtain wall grids; combines structural strength with insulating value. See Series 300 to 700 Wall Systems.



CP

Polyurethane TRANSFOAM. A structural insulated sandwich panel made with a non-burning classified core of urethane foam expanded into a closed cell structure; the core is faced both sides with incombustible Asbestos FLEXBOARD; furnished 4' wide in lengths from 6' to 12'; standard thicknesses 11/16", 1-1/8", 1-9/16", 2"; used for roof cladding and as structural infill panels for curtain wall grids; combines structural strength with insulating value. See Series 300 to 700 Wall Systems.



P

Polyvinyl Chloride Pipe. J-M RING-TITE and solvent-weld PVC Plastic Pipes are manufactured from Polyvinyl Chloride resin. It is used for house water lines, farm and turf irrigation lines, process lines and oil lines.



CEL

Precoat SORBO-CEL. A mixture of SORBO-CEL and asbestos fiber for use as a special precoat filter aid to remove emulsified oil from water, e.g. boiler condensate to be reused as feed water.



BP

Pre-Cured ASBESTOCITE. See ASBESTOCITE.



IN PRE-KLAD Insulations. Insulated housings for industry pre-fabricated of refractory fiber insulation enclosed in heat-resistant foils or meshes to fit any specified shapes; temperature limits to 2000F.

P Pressure (Water) Pipe. J-M manufactures water pipe for all types of water services - municipal mains and laterals; industrial, institutional and commercial lines; house service lines. J-M TRANSITE Water Pipe is an asbestos-cement pipe manufactured in a number of different designs to meet different needs. J-M PVC Plastic Pipe is manufactured from virgin NSF approved resin for use primarily as small diameter distribution lines. See TRANSITE Water Pipes.

AEP Primed FLEXBOARD. Standard FLEXBOARD to which a primer has been applied to make painting easier. See FLEXBOARD.

CP PRIMITIF. DECROBORD design (See Decrobord).

P Process Pipes. J-M manufactures TRANSITE pipe, Epoxy-lined TRANSITE pipe, CHEMTITE Pipe and RING-TITE and solvent-weld PVC Plastic Pipes for use in conveying process fluids and wastes.

AEP PROFILE 3-Dimensional Fiber Glass Panels. Made of molded fiber glass, the panels have a smoothly concave interior and a sharply revealed edge. Panels are 24" x 24". The vault is 3-1/4" deep with the reveal edge allowing the vault apex to be only 2-1/2" above the suspension grid. Panels are installed in an exposed grid system.

PK PROFILE Gasket. A solid metal gasket with surfaces machined with a series of concentric grooves.

AEP (Protecto Wrap). Compet. to J-M DURATAPE and EN GARDE.

PK (Pyramid). Compet. to J-M V-Ring and UNEEPAC.

AEP PYRO-PANEL. A fire-retardant type of CORRULUX. Rated by Underwriters' Laboratories. Three types are presently available: 1) Incombustible PYRO-PANEL with flame spread of 35 or less, 2) PYRO-PANEL PLUS for superior weathering, 3) Standard PYRO-PANEL with flame spread of 35 or less.

IN (Pyrotex). Compet. to J-M THERMOMAT.

PK RAJAH Packing. A valve-stem packing made of braided asbestos yarn treated with a heat-resisting compound and grained; contains no oils.

PK Ramie Packing. See NAVALON.

PK (Raybestos-Manhattan). Compet. to J-M packings, friction materials and A.R.P.-40.

PK (Raylon). Compet. to J-M CHEMPAC.

AEP RC. Roof ceiling system. See FESCO-FIREDIKES Roof/Ceiling System.

AEP Ready-Mixed ASBESTILE. See ASBESTILE Cement.

FR Rebuilder Clutch Facings. See HDM; STM; SW SPIRAL WOUND.

IN REEFERITE. A lining material for refrigerated spaces aboard ship and for ship's awnings; formed by sandwiching a sheet of aluminum between sheets of Marine Veneer; provides ratproofing.

IN (Reeferun). Compet. to J-M REEFERITE.

IN Refractory Fiber. See CERAFELT, CERAFIBER, CERA FORM, DYNA-FLEX, FIBERCHROME, MICRO-QUARTZ, THERMOFLEX, DYNAFIBER, DYNA FORM, DYNA-PAK.

IN Refractory Products. See AERTITE; BLAKITE; BLAZECRETE; FIRECRETE; FIREITE; Heat Treating Cement; HELLITE; L.W. Aggregate; Martar; PAL-LITE; SIL-O-CEL; Super BLAKITE; TRANSITE Core Plate; TRANSITE Slip Jacket Stock.

IN (Refrail). Compet. to J-M MICRO-QUARTZ and THERMOFLEX.

AEP REGAL-SERVICE Cap Sheet. A smooth asphalt roll roofing for unbonded roofs; coated with micaceous talc on one side.

RBP REGAL Roof Coating. An asphalt-solvent blend used as a maintenance coating on asphalt smooth-surfaced roofs.

AEP Reinforced Base Flashing. See Asbestos Base Flashing.

AEP (Resistal). Compet. to J-M CHEMSTONE.

PK RESISTAN. CLIPPER Oil Seals or Molded Packings made from a fluoroclastomer (Viton or Fluoreth) material, specially designed for seal applications requiring higher temperature service and severe fluid resistance.

IN RIGID-BORD. A semi-rigid, 5 foot wide panel of fiber glass thermal and acoustical insulation for interiors of metal buildings.

IN RIGID/FLEX Duct. Flexible, round metal duct made of aluminum, galvanized or stainless steel, non-insulated or insulated, for bends, elbows or straight runs in cooling, heating and industrial air handling systems.

IN RIGID-ROLL. Fiber glass blanket-type thermal and acoustical insulation for interior of metal buildings.

RBP Rigid Shingles. See Asbestos Shingles.

P RING-TITE Coupling. A patented J-M coupling used with TRANSITE Water and Sewer Pipes in many kinds of service. Consists of asbestos-cement sleeve with grooves for seating rubber compression rings inside the coupling. The rings provide a water-tight seal between coupling and pipe ends and provide for simple, rapid assembly.

P RING-TITE Joint. Joint between TRANSITE pipe, coupling, fittings and adaptors employing the RING-TITE PA pipe, fittings and adaptors in which a rubber ring provides a seal between the bell end and spigot end.

PK Ring-Type Gasket. See V-TITE Gasket, Transition Ring.

IN RIS-A-SLEEVE. Foundry riser sleeve made of refractory fibers.

FM Rivet Hole Plug. See Asbestos Rivet Hole Plug.

RBP ROCK-SHAKES. Plastic surface, mineral fiber siding shingles; furnished RANCHGRAIN and SHAKEGRAIN textures in variety of colors and sizes.

AEP Rock Shield. A flexible asphalt mastic board used over coating on underground pipe to shield the coating from damage in rocky soil.

AEP Rock Shield Tape. A pressure-sensitive tape with vinyl backing and reinforced with glass fiber yarns; used for securing Flexible Rock Shield in place.

PK Rod Plunger, Valve Stem and Piston Packing. A material to prevent or control leakage between moving parts of mechanical equipment; furnished in spirals, on spools and in ring form; many types of compositions, structures and impregnations are offered to meet various service requirements; popular styles are:

AQUA	INTERLOCKED	Plastic
BESTA-MONIA	JEWETT	PLASTIMATIC
CENTRIPAC	KEARSARGE	RAJAH
CHEMPAC	Metallic	SUPERHEAT
DURO	MOGUL	THERMOCORE
Flax	NAVALON	UNIVERSAL

PK Rod Wiper. See CLIPPER Rod Wiper.

IN ROLLBOARD. See Asbestos ROLLBOARD.

IN Roll FIRE FELT. See FIRE FELT.

RBP Roll Roofing. See PILOT; REGAL-SERVICE Cap Sheet; FGA BLAK-KAP; KOLOR-KAP; PILOT; SLATEKOTE and Smooth DUPLEX.

RBP Roll Siding. An asphalt roll material 32" or 36" wide, surfaced with colored mineral granules and embossed with a design resembling brick or stone.

CP ROLL-TITE PIPE and Polypropylene Couplings. Plain and BSP for building drains.

RBP Roof Coating. See Aluminum Roof Coatings; Asbestos Fibrous Roof Coating; REGAL Roof Coating.

AEP Roof Insulation. See FESCO Board and TOP-LOC ROOFINSUL.

RBP Roof Putty. See AQUAPATCH; Black Plastic Cement; Caulking Putty.

RBP Roofing. See Asphalt Shingles; COLORBESTOPS; FGA Roofings; SLATEKOTE; Smooth Roll Roofing

AEP Roofing Asphalt. Asphalt furnished in solid form in certain types of built-up roofs; it is melted and mopped on the roof. Melting points of built-up roofing asphalts vary from 150F to 190F.

AEP ROOFINSUL. See TOP-LOC ROOFINSUL. An insulating CP board used for insulating built-up roofs.

AEP Rope Putty. A Corrugated TRANSITE accessory

RBP Rosin-Sized Sheathing Paper. An inexpensive red paper 36" wide for use over wood decks under built-up roofing.

PK Rotary Shaft Seal. See CLIPPER Oil Seal.

CP ROTEMP Steam Joint Rings. Used to seal (internally) steam heated rollers on paper machines, etc. Selected asbestos fiber, modifiers and high temperature lubricants designed for high speed operation; provide durable seals that seal effectively and quickly. Available in sizes and shapes to fit popular rotary steam joint equipment.

PK Round Cross-Section Gasket. Solid metal, line contact seal, generally made from round wire of the desired diameter, cut to the length of the gasket mean circumference, then formed into a circle and welded

PK Roving. See Asbestos Roving and Fiber Glass Roving.

TG Roving. An untwisted ribbon of continuous, multiple-end, parallel fiber glass strands, wound into a cylindrical package. The pure white strands are available with various strengths for compatibility with certain resins to provide strength in molded plastic parts and laminates.

TG Roving — Fiber Glass. Multiple end continuous filament glass yarn used in the paper industry as a component with other fibers; it is available with exclusive gran size, chrome size or a starch binder developed for maximum fiber dispersion.

CP **ROYALTONE**. An insulating mineral fibre lay-in panel for sale where incombustibility is a factor.

P **RTR Pipe Fittings**. Small diameter sewer pipe fittings. Made with a thermosetting resin reinforced with fiber glass. Come in 22-1/2 and 45 elbows and in double sweep tees. Sizes 4", 6", 8".

PK **Rubber and Duck Packings**. See Cross Diagonal Packing; DURO Rod Packing; BESTA-MONIA Packing.

P **Rubber-Lined Fittings**. Corrosion resistant fittings used with Epoxy-lined TRANSITE pipe in lines carrying corrosive fluids under pressure.

PK **Rubber Sheet Packing**. Sheet and gasket material noted for exceptional uniformity in composition, resilience, density and resistance to deterioration; available in general purpose, diaphragm, neoprene and nitrile sheet styles.

RBP IN **(Ruberoid)**. Compet. to J-M insulations and building products.

RBP **RUFF-TEX Siding Shingles**. Plastic-surface mineral fiber side-wall shingles. Attractive striated surface. Range of colors.

S

IN S-A Adhesive. See Insulation Accessories.

FM **STM Clutch Facing**. Special-type molded facing used primarily by car manufacturers for original equipment and service use; hot molded with brass particles for friction and wear control strong and frictionally stable.

FM **SPIRAL WOUND**. Automotive and larger size clutch facing produced from wire-inserted asbestos yarn which has been rubber impregnated; the impregnated yarn is spirally wound, press molded, oven baked, finish ground, drilled and counter bored to produce the finished product; used on millions of passenger cars.

CEL **Safe-Mix**. Insulation for fireproofing safes.

RBP **SEALAP Lap Cement**. A quick-setting, high-strength trowelable asphalt cement for sealing laps of asphalt roll roofings applied by the concealed nail method.

IN **Sealing Compounds**. Plastic, putty-like materials for sealing out (or in) air, dust, moisture, etc.; J-M makes several compounds to meet various sealing requirements such as incombustibility and freedom from odors, furnished in pugs, beads, ribbons, reels, cartridges, cans, drums, pocket containers, cartridges, etc. The products and their main sealing uses are:

ALBASEAL — air conditioners, refrigeration equipment.

AQUASEAL — threaded or gasketed joints.

Body Sealer — auto, truck and trailer bodies.

BRANCHTITE — sewer pipe connections.

Building Sewer Calking Rope — building sewer pipe connections.

DRIP SEAL — windshields and window frames.

DUXSEAL — wires and cables at duct entrances; general purpose.

NAVASEAL — electrical duct apertures aboard ship.

NODRSEAL — refrigeration equipment and general purpose.

PLASTISEAL — thread or gasketed joints.

TRANOLSEAL — oil filled electrical transformers.

UNISEAL — general purpose.

VOLSEAL — dielectric and chemical service.

ZEROSEAL — joints of insulated fittings.

RBP SEAL-O-MATIC Shingles. Asphalt strip shingles with a strip of petroleum resin adhesive that seals the shingle down automatically after exposure to the sun's heat. Available in various styles: No. 240, No. 265, Fiber Glass 325, TOWNSEND, FIRE KING, FIRE-GLASS, WEATHER KING, HIGHLANDS 300, WOODLANDS.

PK SEA Ring. An automatic lip type rod packing furnished in sets and of a rugged construction especially suited for deep stuffing box applications.

PK SEA SERPENT. A disposable, oil-friendly fibrous material packaged in open mesh bag form for the absorption of oil off water surfaces. Pollution control applications.

AEP Self-Tapping Screw. Fastener for Corrugated TRANSITE.

IN Sectional Pipe Insulation. The standard form of pipe insulation; usually furnished in 3' lengths, molded in two half-sections or cut longitudinally.

IN Segmental Pipe Insulation. A form in which 85% Magnesite, SUPEREX, and THERMOBESTOS pipe insulation are furnished when larger pipe sizes are involved; the segments are usually fastened around the pipe with wire.

FM Segments. See Brake Lining Segments.

PK SEIGELITE Packing. Sheet and gasket material manufactured from plant fiber for high tensile strength and density; used for gasketing against benzene, oil, greases and hot or cold water. Also see Sheet Packing.

PK Semi-Metallic Gaskets. Gaskets made of metal in combination with asbestos or other material; used for sealing joints in mechanical equipment, typically under conditions of high heat or pressure or both; more resilient than plain metal gaskets; for example, SPIROTALLIC and double-jacketed gaskets are of the semi-metallic type.

CP Series 100 - WEATHER-SHIELD Wall System. Single sheet uninsulated wall system utilizes TRANSITE, Corrugated TRANSITE, or FLEXBOARD; for industrial curtain wall or wall cladding; Acrylic coating available on striated TRANSITE only.

CP Series 200 - WEATHER-SHIELD Thermal Wall System. Double sheet insulated wall system; utilizes TRANSITE or Corrugated TRANSITE as outer sheet, rigid insulation, and an inner facing of ASBESTOBOARD or FLEXBOARD; for industrial curtain wall or wall cladding; Acrylic coating on striated TRANSITE only.

CP Series 300 - WEATHER-SHIELD Thermal Panel Wall System. Combination exterior weather sheet and insulated sandwich panel wall system; utilizes TRANSITE or Corrugated TRANSITE as outer sheet and TRANSITOP or TRANSIFOAM insulated sandwich panels; for industrial curtain wall or wall cladding; Acrylic coating available on striated TRANSITE only.

CP Series 400 - Aluminum Batten Thermal Panel Wall System. Insulated wall system which employs aluminum battens on the inside and outside face in conjunction with TRANSITOP or TRANSIFOAM insulated sandwich panels; for architectural, commercial and industrial curtain wall or wall cladding.

CP Series 500 - Aluminum "H" Grid Thermal Panel Wall System. Insulated low cost metal grid wall systems; employs aluminum "H" sections in conjunction with TRANSITOP or TRANSIFOAM insulated sandwich panels; for industrial curtain wall or wall cladding.

CP Series 600 - Steel SNAP-IN Thermal Panel Wall System. Insulated vinyl capped steel grid wall system; employs vinyl covered steel snap-in mullions, in conjunction with TRANSITOP or TRANSIFOAM insulated sandwich panels, for industrial and commercial curtain wall or wall cladding.

CP Series 700 - Aluminum SNAP-IN Thermal Panel Wall System. Insulated aluminum grid wall system; employs extruded aluminum snap-in mullions, in conjunction with TRANSITOP or TRANSIFOAM insulated sandwich panels, for architectural, commercial and industrial curtain wall or wall cladding.

CP Series 800 - HOWAL Panel Facing System. Uninsulated single sheets of 1/2" FLEXBOARD; HOWAL Buttons inserted in back of the sheet engage in the slots of a galvanized box channel; no face fasteners required; for architectural, commercial or industrial wall facias, curtain wall, and soffits.

PK Serrated Gasket. A solid metal gasket machined with spaced concentric ribs.

RBP **SERVICE BOARD.** An insulating board made from wood fiber; designed for general utility and lobby purposes where strength is not a factor; furnished 8' long, 4' wide and 3/8" thick, primed.

RBP **SERVICE Roofing.** A smooth-surfaced asphalt roll roofing 36" wide, finished on both sides to prevent sticking before application; designed for medium duty.

PK **SERVICE Sheet.** A sheet material made from asbestos fiber and heat-resisting rubber compounds bonded under pressure; a general purpose packing that can be used in a wide variety of service conditions. See Sheet Packing.

CEL **SEVEN HILLS Perlite Ore.** A line of crushed and sized perlite ore products.

P **Sewer Pipe.** J-M makes TRANSITE Sewer Pipe, FLEXTRAN Pipe, J-M PVC Plastic Pipe for sewer and waste line service including municipal sewer lines, building sewer lines, storm water conductors, drains and sewers, and sanitary drains and sewers.

RBP **SHAKEGRAIN Texture.** A texture applied to ROCK-SHAKES plastic-surface siding shingles.

RBP **Sheathing.** See WEATHERBRACE; WEATHERTITE Sheathing; Gypsum Sheathing.

PK **Sheet Packing.** Sheets of varying composition, structure and impregnations designed to meet varying service conditions; used for cutting gaskets, and for sealing joints in mechanical equipment. Popular styles are:

CHEMPAC	Felted Asbestos	MOBILENE
CRYOL	KEARSAGE	SEIGELITE
Compressed Asbestos	LIBERTY	SERVICE

RBP **Shingle Backer.** Rectangular pieces of impregnated insulating board which are nailed behind sidewall shingles to give added insulating value, extra strength and a shadow line effect.

RBP **Shingle Cutter.** A device used for cutting, notching and punching asbestos shingles.

RBP **Shingle Tab Cement.** A high-quality, quick-setting cement formulated with asbestos fibers for cementing tabs of asphalt shingles to prevent blow-up during high winds.

RBP **Siding.** See Clapboard; COLORBESTOS; DUREXORD; CP HOMESTEAD; PERMATONE; ROCK-SHAKES; Roll siding.

RBP **Siding.** Asbestos. See COLORBESTOS; HOMESTEAD; CP PERMATONE; PERMATONE "S" FLEXBOARD; ROCK-SHAKES.

RBP **Siding Shingles.** See COLORBESTOS; HOMESTEAD; PERMATONE; ROCK-SHAKES.

CP **Siding Shingles - Asbestos.** See CEDAR GRAIN; COLORBESTOS; ROCK-SHAKES; ROCKSPAN.

IN **Silicate of Soda.** See Insulation Accessories.

IN **SIL-O-CEL.** Refractory material made from diatomaceous silica (CELITE); furnished as insulating brick for service up to 2000F, and as mortars, powders and fills.

IN **SIL-O-CEL Insulating Brick.** An insulating brick made from diatomaceous silica (CELITE); for service as a back-up insulation. For service to 2000F (C-22).

IN **(Sil-Temp).** Compet. to MICRO-QUARTZ and THERMOFLEX.

P **SIMPLEX Pipe and Coupling.** Obsolete. Superseded by RING-TITE Coupling.

PK **SINBAD Packing.** Made of pure flax roving, plaited square and heavily saturated with lubricant; designed for stern tube service on small commercial vessels; readily conforms to any stuffing box.

PK **Single Jacketed Gasket.** A gasket constructed of a soft filler partially enclosed by a metal shell covering one face, both edges and a portion of the other face.

IN Slab Insulation. See Perimeter Insulation.

RBP SLATEKOTE. Asphalt roll roofing with surface coating of colored mineral granules on one side; furnished in several colors, with or without an uncoated edge for cementing; standard roll is 36' long and 36" wide.

RBP SLATEKOTE Starter. 9" or 18" wide strip for starting shingles, lining valleys and covering hips and ridges.

RBP SLATEKOTE DUPLEX. Furnished with a 19" coated edge. Two-ply application. Used with special DUPLEX cement.

RBP Split Sheet SLATEKOTE. Furnished with a 17" coated edge for application with hot asphalt or Black Plastic Cement.

RBP Slaters Felt. A 15-lb. per square asphalt-impregnated asbestos felt used on built-up roofs as a sheathing and lining; also furnished in a 25-lb. asphalt felt called Black Sheathing Paper for use under roofs and on walls.

PK Slinger. Packing furnished in molded rings or continuous extruded lengths; usually used with CLIPPER Oil Seals, either as a pressure break or as a baffle for fluids or such solids as dirt.

IN Slip Jacket. See TRANSITE Slip Jacket Stock.

PK SLIPTITE. Low cost general purpose metal shell seal with flexible teflon rubber backed lip element.

PK Slush Pump Packing. See WILDCAT Slush Pump Packing.

FM Small Friction Elements. See MINI-BLOK.

RBP Smooth DUPLEX Roofing. An asphalt roll roofing 36" wide with 19" lap for double coverage protection; applied with DUPLEX Cement brushed on cold.

RBP Smooth Roll Roofing. See PILOT; SERVICE; Smooth DUPLEX.

RBP SMOOTHGRAIN. Asbestos cement shingles that appear to have a grained surface but are actually smooth to the touch.

AEP SNAP-IN System. A quick and easy ... attractive and economical system for industrial curtain wall construction using TRANSITOP. It consists of an extruded aluminum mullion and TRANSITOP Panels. The aluminum mullion with a "built-in" weather sealing device is attached to the steel framing of the building. Then TRANSITOP Panels are inserted into the web of the mullion at a slight angle to the wall and then folded back or "snapped" into position parallel to the wall. When folded back, the TRANSITOP Panel engages the weather sealing device which tightly secures panel in place.

IN (Snap-On). Compet. to J-M MICRO-LOK.

CP SNO-SHEEN. DECROBORD Design. See DECROBORD.

CEL SNOW FLOSS. A grade of natural diatomaceous silica CELITE of very fine particle size commonly used as an abrasive in auto polishes and for miscellaneous mineral filler applications.

CP Soil Pipe. For use inside building foundations above and below the floor.

CP Soil Pipe Insulation. A pipe insulation for temperatures from 35F to 100F consisting of double layer construction and waterproof liners.

AEP Soldering Cup. See ELECTROBESTOS.

PK Soot Blower Packing Sets. For service in power plants. Made of Inconel wire-inserted asbestos yarn braided over a special plastic core.

CEL SORBO-CEL. A specially processed diatomaceous silica CELITE powder; designed for removing emulsified oil from steam condensate.

RBP SOUNDIKE. Wall and floor sound control systems combining SOUNDIKE Fiberboard and J-M Gypsum Wallboard in various constructions.

AEP Sound Isolation. A system by which the continuity of structural vibration is broken to reduce noise levels; components include: 1" or 2" thick glass fiber blankets, mineral wool fill and small cushioning units called chairs and isolators made of steel and hair felt.

RBP SOUND PANEL. A specially-designed 1/4" gypsum sound-attenuation board that provides a fire-resistive construction with excellent sound-reduction.

RBP Sound Reduction Channel. A 25-ga. electro-galvanized steel channel which provides resilient attachment of gypsum wall-board to wood framing.

AEP SPANACOUSTIC. Large flat, fiber glass acoustical ceiling "lay-in" units with a white vinyl film surface which is embossed in two patterns: Driftgrain and Canyon. Standard sizes are 24" x 24" x 1" and 24" x 48" x 1" or 1-1/2". Provides an attractive acoustically efficient ceiling at low cost. Carries UL Fire Hazard Classification label.

AEP SPANCORE Panels. Large, flat, fiber glass "lay-in" panels with a vinyl film surface embossed in two patterns: Maze and Pebble. Standard sizes are 24" x 24" x 3/4" and 1". Used where price is a prime consideration.

CP SPEED-INSUL. An insulation panel consisting of embossed, ribbed aluminum sheet factory applied to SPIN-GLAS, designed primarily for the insulation of heated tanks and vessels. Similar to METAL-ON for tanks.

IN SPEED-INSUL. A composite panel fabricated from SPINTEX insulation and an appropriate weather-proofing facing such as ASBESTOCITE or aluminum; used on heated surfaces and has provision for mechanical attachment to the surfaces it insulates.

CEL (Speedex). Compet. to CELITE Filter Aid.

CEL (Speedplus). Compet. to HYFLO SUPER-CEL.

PK SPILLGUARD. A light to medium weight oil and debris containment barrier of strong durable construction to withstand rough emergency handling. Pollution control applications.

CP SPINCOUSTIC. Semi-rigid lightweight mineral fibre sound absorbent blanket.

IN SPIN-GLAS. Fine-fibered, fiber glass blanket type insulation, bonded with thermosetting resin. Used primarily in equipment and appliances.

RBP SPINSULATION. Distinctive yellow fiber glass insulation for residential and commercial construction especially suited for electric heat. Available kraft-faced batts and rolls, thicknesses to meet every insulation specification, all popular lengths and widths.

CP SPINTEX. Loose insulation for hand or pneumatically filling for finished homes.

AEP SPINTONE Panels. Mineral wood fiber acoustical "lay-in" ceiling panels having high attenuation value. Sizes are 1" x 24", 24" x 36", 24" x 48" and 24" x 60" x 5/8". Finishes are Standard White, TPF (Textured Paint Finish) and Clear Plastic Overspray). Panels are available in the following designs:

SPINTONE 360. Panels feature omni-directional, random sized fissures with tiny, pierced perforations.

SPINTONE 720. Panels have unusually small, evenly dispersed open fissures combined with tiny, pierced perforations.

SPINTONE Concord. Panels feature a bold, stippled white paint finish with tiny pierced random perforations.

SPINTONE DCF. Panels have directional, controlled fissures in combination with tiny, pierced perforations.

SPINTONE Fissured. Panels combine directional random sized fissures with tiny, pierced perforations.

SPINTONE Pierced. Panels have small, multi-sized perforations which are randomly positioned.

SPINTONE Ventilating Panels. Are available with through-perforations in the Fissured or Pierced patterns for ventilating ceilings.

FM SPIRAL WOUND. See SW SPIRAL WOUND.

PK SPIROTALLIC Gaskets. Gaskets formed of corrosion-resistant, spring-like metal strips, formed into a special vee shape, alternately spiral wound with a soft-filler; strong and resilient, useful under high temperature conditions, especially where expansion and contraction are encountered.

PK Split CLIPPER Oil Seal. Recommended for use where the seal cannot be applied over the end of the shaft but must be installed around it; speeds emergency replacements. See CLIPPER Oil Seal.

RBP Split Sheet SLATEKOTE. See SLATEKOTE.

IN Sponge-Felt. See ASBESTO-SPONGE.

P Stack Vent. See TRANSITE Pipe - Vent Duct Pipe.

RBP STA-FIT SPINSULATION. An efficient fiber glass insulation batt in wide range of thicknesses, lengths and widths. For use with separate vapor barriers such as polyethylene film or foil-backed gypsum wallboard. Especially suited for electric heat.

AEP Standard Asbestos Pipe Line Felt. See Asbestos Pipe Line Felt.

AEP Standard ROOFINSUL. See ROOFINSUL.

CEL Standard SUPER-CEL. A calcined finely divided diatomaceous silica CELITE filter aid with controlled flow rate and clarity specifications.

FM (Standco). Compet. to J-M Friction Materials.

RBP Starting Strip. See SLATEKOTE Starter.

CP STARTONE Perforated. An acoustical perforated design used on FIBRETONE, FIREDIKE, SPINTONE ceiling tile and lay-in panels.

IN Staple. See Insulation Accessories.

FM Steam Joint Ring. See ROTEMP.

CP STELLAR Perforated. An acoustical perforated design used on FIBRETONE ceiling tile and lay-in panels.

P STEVENSON Coupling. A rubber sleeve coupling fastened by two stainless steel straps. Used to connect all sizes of TRANSITE Air Duct.

AEP STONEMERGE Architectural Panels. A dense monolithic panel, integrally colored a dark gray and having a deep cleavage texture with the texture and feel of natural stone. STONEMERGE Panels are a mixture of synthetic calcium aluminum silicate binder and finely dispersed asbestos fibers, pigments and fillers, formed hydrothermally under great pressure.

AEP (Stonewall). Compet. to J-M ASBESTOBOARD.

RBP Storm Anchors. An accessory item used in the application of DUTCHLAP and Hexagonal asbestos roof shingles.

P Storm Water Drainage Pipe. See TRANSITE Pipes - Industrial Sewer Pipe and Storm Drain Pipe.

RBP Strip Shingle. Durable 12" x 36" asphalt strip shingles that carry UL Class "C" fire-resistant labels. Wide range of colors. Available No. 235 and HIGHLANDS 300 styles.

IN (Styrofoam). Compet. to ZERO-LITE.

IN Super Blakite. Similar to BLAKITE but particularly designed for application directly to boiler wall tubes.

CEL SUPER-CEL. See HYFLO SUPER-CEL. Standard SUPER-CEL.

IN SUPEREX A high-temperature insulation for service up to 1900F; made from asbestos fiber, diatomaceous silica and other insulating materials; furnished in the form of pipe covering and blocks and as a cement; as a pipe covering, usually combined with 85% Magnesia or THERMOBESTOS, for service to 1600F, SUPEREX M is furnished.

CEL SUPER-FINE SUPER FLOSS. Finest particle size, white CELITE fluffing agent for use in high-speed paint dispersion equipment.

IN Super FIRE FELT. Lightweight sheets and blocks made of felted asbestos fibers and a binder; for use where large resilient sheets are desired.

CEL SUPER FLOSS. Flux-calcined diatomaceous silica of fine particle size and purity; commonly used as a mild abrasive in polishes and as a pigment extender in paints, papers, plastics, etc.

PK SUPERHEAT Packing. Resilient rod, plunger and valve-stem packing used against steam up to 750F; made of tightly woven asbestos cloth rolled and then formed to a square cross section, impregnated with a heat-resistant lubricant and graphited.

PK (Superseal). Compet. to J-M Plastic Packing.

IN (Supertemp). Compet. to J-M BANROC H. T. Block.

RBP SUPER-THIK. Foil-faced fiber glass and SPINSULATION building insulations for maximum insulation value; particularly effective in electrically-heated and air-conditioned homes.

RBP Suspended Ceiling Systems. J-M Lay-In panels using J-M grid system are ideal for lowering high ceilings, and for hiding ducts, pipes, wiring. See Lay-In Panels. See Wood Beam Systems.

FM SWAB Clutch Facing. A spiral wound aluminum backed clutch facing which combines the wire-inserted asbestos yarn which has been rubber impregnated and then spirally wound with an aluminum disc reinforcement resulting in a lightweight clutch facing that easily handles the high spin requirements of today's high performance engines.

CEL Synthetic Silicates. Synthetic alkaline earth metal silicates prepared by using a one-step reaction employing CELITE as a source of silica; MICRO-CEL denotes calcium silicate grades and CELKATE denotes magnesium silicate.

T

FM T "LINE" Brake Block. Improved heavy-duty blocks for truck, trailer and bus fleets. See Brake Block

RBP Tab Cement. See Shingle Tab Cement.

IN Tacky Tape. See A.R.P.-40; THERMOMAT Tape.

PK TADPOLE Packings. Asbestos cloth formed over a round core and extended on one side to form a flange; used as a door seal on ovens and other industrial equipment; on aircraft serves as a firewall seal, thrust reverse seal, door and hatch seal and has many other applications.

PK Tank Seal. Special sheet material made of asbestos or nylon cloth coated with special rubber compounds; used as fully fabricated sealing unit on floating roofs on large liquid and gas storage tanks.

AEP TAPESHIELD. An organic felt tape overwrap. It shields and protects plastic pipeline tapes from damage during handling, lowering in and back filling.

AEP Tar Saturated Asbestos Felt. See Asbestos Felt.

RBP Tar Saturated Rag Felt. See Rag Felt.

PK Teflon. (Trademark for DuPont tetrafluoroethylene resin); sold by J-M among CHEMPAC products in the form of sheets, rods, tubes, tapes and as cut, molded or machined piece and as an impregnant with other materials; almost completely inert, withstanding virtually all chemicals.

PK Teflon Filament Packings. Packing protected by covers of braided white DuPont Teflon filament yarns; suitable for handling the most concentrated, strong acids and caustics.

P Telephone Ducts. TRANSITE Telephone Ducts for enclosing telephone cables when buried in earth or located in exposed locations. See also TRANSITE Pipes - Ducts for Utility Cables.

KUP (Lentlok). Compet. to J-M Insulation Board Products.

AEP TEMPER-TONE Tiles. Mineral wool fiber acoustical ceiling tile having high attenuation value. Sizes are 12" x 12" and 12" x 24" x 3/4". Finishes are: Standard White, TPF (Textured Paint Finish) and CPO (Clear Plastic Overspray). Tiles are available in the following designs:

TEMPER-TONE 360. Tiles feature omni-directional random sized fissures with tiny pierced perforations.

TEMPER-TONE 720. Tiles have unusually small, evenly dispersed, open fissures combined with tiny, pierced perforations.

TEMPER-TONE Access Tile. Identical in pattern to TEMPER-TONE 360, a special edge design allows removal and reinstallation of 12" x 24" tile.

TEMPER-TONE DCF. Tiles have directional, controlled fissures in combination with tiny pierced perforations.

TEMPER-TONE FIREDIKE Tile. The 720, 360, DCF and 360 Ventilating Tiles are available as FIREDIKE for fire-rated ceiling systems.

TEMPER-TONE Ventilating Tile. Through-perforations in the 360 pattern for ventilating ceilings.

TEMP-TITE Pipe. Insulated pipe for underground distribution of steam, hot water or chilled water. Available with TRANSITE, copper or steel core pipes and TRANSITE or PVC casing pipes.

AEP TENU-TONE QUADRETTE. Mineral wool acoustical "lay-in" units with high sound attenuation value. Sizes are 24" x 24" x 5/8" or 3/4". Finishes are: Standard White, TPF (Textured Paint Finish) and CPO (Clear Plastic Overspray). Pattern is open non-directional fissures and tiny pierced perforations combined with a reveal edge on all four sides.

AEP TENU-TONE Tile. Mineral wool tiles with high attenuation value. Sizes are 12" x 12" and 12" x 24" x 5/8". Finishes are: Standard White, TPF (Textured Paint Finish) and CPO (Clear Plastic Overspray). Patterns are: Omni-Directional, having non-directional fissures in combination with tiny pierced random perforations; Concord, having a bond stippled white paint finish with tiny, pierced random perforations, and, Faced, Uniform Drilled and Random Drilled patterns.

AEP TENU-TONE Ventilating Tile. Pierced pattern TENU-TONE tile having through-perforations for ventilating ceilings.

TG Textiles. General term for fibers, strands, yarn, roving, mats and woven cloth or fabrics made of glass or asbestos. See Asbestos Textiles; Fiber Glass Textiles.

AEP Thermal-Acoustical Batts. These fiber glass batts are specifically for use above suspended ceilings. They come in perforated rolls for easy snap apart into batt lengths. Sizes are 2", 2-3/4", 3-7/8" or 6-1/2" x 24" x 48". Batts are available with or without a vapor barrier. They have no flanges or tabs.

IN THERMOBESTOS. A high-temperature insulation for service up to 1200F; made from lime, diatomaceous silica and asbestos fiber; furnished in pipe covering and block form, and in quarter sections called quads for 25" through 33" pipe sizes.

AEP (Thermo-Bord). Compet. to J-M Asbestos TRANSITOP.

PK THERMOCORE Packing. Consists of one or more asbestos jackets braided over a plastic or mesh center core; used mostly as a valve stem packing.

AEP THERMOCORE Panels. The core is a homogeneously impregnated board formed of expanded perlite particles, binders and fibers. This core is faced on both sides with FLEXBOARD asbestos-cement sheets. Core and facings are classified by Underwriters' Laboratories as non-combustible.

IN TRANOLSEAL/ See Sealing Compounds.

CP TRANSCOUSTIC. An acoustical correction panel composed of a 3/16" thick perforated asbestos-cement panel with a porous paper membrane bonded to the rear face; especially adaptable to hospital and school corridors, restaurants and other places where low-frequency noise predominates.

AEP TRANSFALT Strip. A corrugated TRANSITE accessory.

AEP Transformer Strip. See ASBESTOS EBONY.

AEP TRANSHIELD. See Asbestos Pipe Line Felt.

CP TRANSIFOAM. See Polystyrene TRANSIFOAM Type I, Type II and Polyurethane TRANSIFOAM.

AEP TRANSIFOAM Panels. An extremely lightweight expanded polystyrene insulating core faced on both sides with incombustible FLEXBOARD to provide a rigid panel that offers high insulating value and resistance to moisture. Available in a variety of sizes and thicknesses. Easy-to-handle... easy-to-install.

CP TRANSPLY. A structural insulated panel made by adhering 3/32" thick fireproof Asbestos FLEXBOARD to one side only of 7/16" thick impregnated insulating board with a waterproof adhesive; furnished 4' wide in lengths of 8', 9' and 10'; used as an exterior siding over light frame construction; has structural strength and insulating value, and is weatherproof.

AEP TRANSITE Acoustical Panels. Asbestos-cement panels 3/16" thick in 24" x 24" and 24" x 48" sizes. Available unperforated or perforated in either a random or uniform pattern. Finish can be a pebbled texture with a special white paint or panels can be smooth in the natural gray of asbestos-cement or with a white primer coat.

P TRANSITE Air Duct. See TRANSITE Pipe for homes.

AEP TRANSITE Compartment. Toilet compartment and shower stall made of 1" thick TRANSITE.

IN TRANSITE Core Plate. Smoothly sanded tray of asbestos and cement for holding cores during baking or drying.

AEP TRANSITE Corrugated. See Corrugated TRANSITE.

P TRANSITE Ducts (Conduits) for Utility Cables.

"B" Telephone Duct: Thin-wall duct for enclosing telephone cables when the duct is to be encased in concrete before burial.

"C" Telephone Duct: Heavy-wall duct for enclosing telephone cables to be buried in earth or when mounted in exposed locations.

Conduit Type II: Heavy-wall duct for enclosing electrical cables to be buried in earth or when mounted in exposed locations.

KORDUCT (Conduit Type I): Thin-wall duct for enclosing electrical cables when the duct is to be encased in concrete before burial in earth.

AEP TRANSITE Panels. Asbestos-cement sheets, incombustible, resistant to corrosion, heat and weather; also sold as cut pieces, discs, ferrules, rings, rods and washers. For construction of buildings. For use in construction of non-metallic process equipment, and as low-voltage electrical insulations, electrical arc barriers and drying trays.

P TRANSITE Pipe. TRANSITE is the brand name for J-M asbestos-cement (white) pipes. TRANSITE pipes are composed of a mixture of asbestos, cement and silica, formed on a turning mandrel under pressure. They are produced in a variety of designs including ducts, vents and conduits to meet the needs of a variety of pipe services.

P TRANSITE Pipe for Farm and Turf Irrigation.

Irrigation Pipe: For farm systems, golf course and landscape irrigation systems.

P TRANSITE Pipe for Homes:

Air Duct: For underground distribution of warm and/or cool air in air heating or heating-cooling systems installed in homes, institutional, commercial or industrial structures.

Building Sewer Pipe: For connecting building drains to sewer mains, cesspools or septic tanks.

Electrical and Telephone Duct: For protection of underground electrical and telephone cables. See TRANSITE Ducts for Utility Cables - KORDUCT, Conduit Type II, "B" and "C" Telephone Ducts.

Vent Duct: For venting some gas-fire appliances.

P TRANSITE Pipes: for Industrial, Institutional and Commercial Services.

Epoxy-lined TRANSITE Pipes: For conveying corrosive oil field and mining fluids.

Industrial Electrical and Telephone Ducts: For enclosing electrical and telephone cables for protection underground and in exposed locations. See TRANSITE Ducts for Utility Cables.

Industrial Sewer Pipe. For storm water conductors, drains and sewers, sanitary drains and sewers, process waste lines, mine waste water, oil field salt water and lead lines. Pressure and non-pressure designs.

Industrial Water Pipe: For fire lines, cooling water, potable water and process water lines.

Vent Duct Pipe: For venting aggressive fumes, smokes, mists, vapors and dusts. J-M CHEMTITE available in sizes 4" and smaller.

P TRANSITE Pipe for Municipal Water, Sewer, Underdrain, Storm Drain and Well Casings-Screens Systems.

Water Pipe: For water mains, laterals and stubs in pressure classes 100, 150, 200 psi.

Sewer Pipe: For mains, laterals and stubs in crushing strength classes 1500, 2400, 3300, 4000, 5000 lbs. per ft.

Underdrain Pipe: For draining sub-surface water from municipal properties.

Storm Drain: For draining surface waters caused by rain storms.

Well Casings and Screens: Used in conjunction with sub-surface water screened of sand, etc. by filter media for production or injection wells.

TRANSITE Pipe Couplings: Couplings used with TRANSITE Pipes include RING-TITE Coupling, STEVENSON Coupling and plastic sleeve couplings. See also Pipes - Couplings.

TRANSITE Pipe Fittings and Accessories. J-M markets fittings and accessories for use with all TRANSITE pipes. Information about them is available from the department responsible for the pipe in question. Some of the more commonly used fittings and accessories are those listed below. See also Pipes - Fittings and Accessories.

Adaptors	Increasers	Spacers
B. S. Calking Rope	Laterals	Sweeps
Bends	Nipples	Tees
Branch Connections	Plate Spacers	Tools:
Caps	Plugs	Coupling Puller
Elbows	Pointed Flanges	Machining Tool
End Bells	R-T Lubricant	Pipe Cutter
End Closures	Reducers	Tapering Tool
G. V. Pipe Cement	Rubber Rings	

CP TRANSITE Plumbing Pipe (Luyar De Plomberie TRANSITE). Similar to TRANSITE Building Sewer Pipe - for under-floor drainage systems. Sold in the Province of Quebec only.

IN TRANSITE Slip Jacket Stock. Asbestos-cement material cut to size and shape for assembly by foundry customers into jackets and to be slipped around castings.

IN THERMOFLEX. A lightweight refractory fiber insulation which withstands temperatures up to 2000F; used in blanket or felted form as an insulating or acoustical material, in loose form as a filter medium, insulating packing or fill, and in wrap-around or molded form (encased in foil or mesh) as high-temperature duct insulation and jet engine shrouds; its most common use is in aviation insulation applications.

IN THERMOFORM. A family of molded appliance insulations; various types are available using a number of raw materials, depending upon the requirements.

FM (Thermoid). Compet. to J-M Friction Materials.

IN THERMOMAT. A nonwoven long fiber asbestos felt saturated with phenolic resin; furnished as a molding compound in sheet or tape form; extremely resistant to high temperatures; used as a rocket motor liner and in other aviation and missile applications.

IN THERMOMAT Tape. An asbestos-phenolic molding compound designed for tape winding; used to create components and parts that withstand tremendous heat and pressure. See THERMOMAT.

PK THERMO-PAC Asbestos and Refractory Rope. For power plant maintenance, steel mill and foundry service, and as emergency packing and gasketing. Various grades of soft, twisted asbestos or refractory fiber ropes are available for temperatures to 2700F.

AEP THERMOSTONE. An insulating core of blended fibers and inorganic binders faced on both sides with incombustible FLEXBOARD to provide a structural panel of great structural strength, unusual resistance to moisture and remarkable nail and screw holding properties. Available in a variety of sizes, this panel meets all building code requirements for a 1 or 2-hour time-temperature rated, incombustible panels.

IN THERMO-TAPE. A flexible pipe insulation in strip or roll form made of an asbestos pad in a neoprene coated asbestos cloth jacket; used on locomotives and cars where sectional insulation cannot be applied effectively.

IN THERMO-WRAP. A pipe insulation made up of a blanket of asbestos fibers held together by asbestos yarns and enclosed in a neoprene-coated asbestos jacket; primarily designed for steam lines on trains; High Temperature THERMO-WRAP is designed for use on diesel exhaust lines and in similar high temperature situations.

AEP TILE GUARD. Glass fiber mat reinforced with glass fiber yarn, used as a covering for drainage tile; helps keep soil particles out of tile joints.

EL TOASTERBORD. Inorganic sheet material composed of specially processed purified asbestos and inorganic binders, for toaster elements and other high temperature electrical resistance heater devices, thicknesses .030" to .070".

AEP TOPGARD Type-B Roof Coating. An emulsion based fibrated asphalt roof coating designed especially for use with built-up roofs and general roof maintenance.

AEP TOPGARD Type-C Roof Coating. A solvent based asphalt roof coating designed especially for use with built-up roofs and general roof maintenance.

AEP TOPGARD Type-F Roof Coating. A solvent based fibrated asphalt roof coating designed especially for use with built-up roofs and general roof maintenance.

IN TOPLINER. See Acoustical TOPLINER.

AEP TOP-LOC ROOFINSUL. A durable insulating board for use under built-up roofs. Available in 24" x 48" sheet in thicknesses of 1/2" through 3" in increments of 1/2".

RBP Touch-Up Lacquer. Furnished in spray dispensers with ROCK-SHAKES to touch up areas of damage to the surface.

RBP TOWNSEND SEAL-O-MATIC Roof Shingles. Fiber glass reinforced. Distinctive curved edge detail. Class "A" Fire Rating and Wind-Resistant label. Giant surface granules.

RBP Trailer Board. See Mobile Home Board.

CP TRANSITILE. A steam cured asbestos-cement corrugated sheet available in sheets 43" wide by up to 12' long; 4 corrugations and 3 flat sections per sheet; available with smooth face or striated surface texture; used for industrial roofs, curtain walls, or wall cladding and where incombustibility is a requirement; Acrylic coating available on striated texture only. See Series 100 to 300 Wall Systems.

PK Transition Ring. A modified type of V-TITE gasket for use between a pair of flanges having grooves of different diameters.

AEP TRANSITOP Panels. A structural sandwich panel made with an insulating core faced on both sides with fireproof Asbestos FLEXBOARD; furnished 4' wide in lengths of up to 12'; used as an exterior curtain wall material.

AEP Transparent Putty. An accessory for CORRULUX.

IN TRANSULITE. A lightweight glass fiber blanket insulation with high resistance to moisture pickup, vibration and settling; especially developed for the transportation industry; for temperatures from sub-zero to 350F.

PK Tubing. See Asbestos Braided Tubing.

IN TUF-SKIN MICROLITE. A fiber glass blanket insulation designed for high resistance to air erosion and mechanical damage at temperatures up to 350F; used in automotive and equipment applications where noise reduction and thermal insulation are required and high strength and surface toughness are needed; composed of two glass fiber components bonded with a thermosetting resin; the surface component is black pigmented 1/8" thick fiber glass; the base component is a lighter density standard MICROLITE. See MICRO-BAR and MICROLITE.

AEP Twin 20 Built-Up Roofs. A system for use East of the Rocky Mountains; a 2-ply gravel surface asbestos built-up roof for use over nailable decks, non-nailable decks, approved insulation, lightweight, aggregate concrete decks.

AEP Twin 20 Asbestos Felt. This is a completely mottled asbestos felt produced for 2-ply application. Each square of felt contains 12 pounds of asbestos and 8 pounds of saturating asphalt.

RBP 240 SEAL-O-MATIC Shingle. See SEAL-O-MATIC Shingle.

RBP 235 Strip Shingle. 12" x 36", 3-tab asphalt strip shingle in range of colors; weight approximately 235 lbs. per square.

PK Twisted Wick and Rope. See Asbestos Wick, Asbestos Rope.

TC TY-PAK. Method of packaging fiber glass roving.

IN Type "A" Body Sealer. See Sealing Compounds.

PK Type "A" Cup. A precision-molded lip-type packing used in hydraulic and pneumatic piston applications. See Molded Packing Cups.

IN Type "B" Body Sealer. See Sealing Compounds.

PK Type "U" Cup. A precision-molded lip-type packing used in hydraulic and pneumatic rod and piston applications, normally used with a filler or spacer ring. Air Cushion "U" Cups are used as piston packing in air cylinders. Also see Molded Packing Cups.

U

- PK** **U-Cups.** See Type "U" Cup and Molded Packing Cups.
- FM** **UHS Clutch Facing.** Ultra-high spin facing which combines the heavy duty facing found in HDM Facings with a steel disc reinforcement; results in a clutch facing that easily handles spins of 10,000 rpm and higher.
- RBP** **(U. S. Gypsum).** Compet. to J-M building materials.
- RBP** **(Ultrafine).** Compet. to J-M fiber glass products.
- RPB** **(Ultralite).** Compet. to J-M fiber glass products.
- IN** **Unbonded B-Fiber.** Same as MICROLITE except the binder is omitted and fibers remain white; for specialized high temperature applications and for use by fabricators as a constituent of special insulating products.
- P** **Underdrain Pipe.** TRANSITE Pipe for draining sub-surface water from municipal and industrial properties.
- BP** **Underground Pipe Wrap.** See BLUE FLAG.
- PK** **UNEOPAC.** A molded packing used for sealing hydraulic pressures encountered on reciprocating devices such as pistons and rods.
- IN** **(Unibestos).** Compet. to J-M THERMOBESTOS.
- CP** **Uniform Perforated.** The drill pattern for Fibertone Ceiling Tile where the perforations are in rows.
- IN** **UNISEAL.** See Sealing Compounds.
- PK** **UNIVERSAL Packing.** A packing made from asbestos and cotton fabrics, bonded with a rubber compound; as a piston packing, used against water, brine, air and oils; as a rod and plunger packing, it is combined with rubber, and the resultant packing is used in steam, water or air service where rods are worn, scored or out of alignment.

V

- PK** **V-Ring.** A molded ring having a "V" cross section; it is self-sealing on both the inside and outside diameters and is generally used in a stuffing box, with suitable male and female adapters which can be molded or machined; normally used for sealing hydraulic pressures encountered or reciprocating devices such as rods and pistons; can be used in valve stem applications where periodic rotation or oscillation is encountered.
- PK** **V-TITE Gasket.** Solid metal ring of oval or octagonal cross section for use in specially grooved flanges where high pressures and temperatures are encountered — notably in the oil industry.
- PK** **Valve Stem Packing.** See Rod, Plunger, Valve Stem and Piston Packing.
- P** **Valves.** Hills-McCanna Diaphragm Valves with CHEMTITE Valve Bodies for use in CHEMTITE Piping Systems and other pipelines are available from Johns-Manville.
- AEP** **VAPORGARD.** An incombustible, polyvinyl chloride film for use as a vapor barrier in constructing built-up roofs.
- AEP** **VAPORGARD Adhesive.** A rubber base, non-flammable, non-toxic adhesive for use in the application of PVC VAPORGARD.
- PK** **(Vee-Dam).** Compet. to J-M V-Ring and UNEOPAC.
- PK** **(Vee Flex).** Compet. to J-M V-Ring.
- IN** **VEL-COUSTIC Duct Liner.** Preformed fiber glass ducts for low velocity air distribution systems. Units serve as thermal and acoustical liners in round metallic ducts. Six-foot sections have 1" wall thickness and are made in standard round duct sizes.
- P** **Vent Pipe.** TRANSITE Vent Duct for venting some household gas-fired appliances; for venting industrial fumes, smokes, gases. CHEMTITE for venting highly corrosive gases.

CP Vented ROOFINSUL. Similar in principle to VENTSULATION. Also available Vented TOP-LOC ROOFINSUL, Vented TOP-LOC WEATHERTITE.

AEP VENTSULATION Felt. A heavy asbestos felt, asphalt saturated and coated. Mineral granules are embedded in the underside of felt and then the underside is pressed into a "wafer" shape. The felt is then applied granule surface down on the deck to allow air and moisture to be vented at roof edges.

PK (Victoprene). Compet. to J-M CLIPPER Oil Seal.

RBP Vinyl-Faced Gypsum Panels. Rugged vinyl facing laminated to Gypsum Wallboard. Range of attractive textures and colors. Provide pre-decorated, easy-to-care-for walls for homes, commercial and institutional buildings.

TG VITRO-COAT. See VITRO-STRAND Fibers.

TG VITRO-FLEX. See Chopped Strand Mat.

TG VITRO-STRAND Fibers. Very short, free-flowing glass fibers (approx. 1/64") used in predetermined ratios with polyester and Epoxy resins for spray application next to the glass in molds for boat hulls, fixtures, etc. Replaces usual layer of fabric. Also used in corrosion-protection mixtures sprayed in tanks and on other surfaces exposed to corrosive conditions. Ready-made mixtures of fibers and resin (called VITRO-COAT) are used as putty and grouting.

TG VITRON. See Roving and Woven Roving.

IN VOLSEAL. See Sealing Compounds.

W

FM WK Brake Lining. Fully molded materials made from asbestos fiber, phenolic resin binders and friction particles; formulated in tan for easy working shoe and black for hard working shoe.

RBP Wall Batt. Foil-faced fiber glass building insulation, 2" thick for installation in walls; furnished 15" and 23" wide in 40' rolls; the aluminum facing is perforated and the insulation cut through at 8' intervals to yield 5 batts per roll.

P Warm Air Duct. TRANSITE Air Duct for use in air heating/cooling systems installed in homes built on slabs with in-slab ducts.

P Water (Pressure) Pipe. TRANSITE water pipe for municipal and for industrial service lines. Also Epoxy-lined TRANSITE Pipe, PVC pipe. See also these listings.

AEP Waterproofing Felt. See Asbestos Waterproofing Felt.

RBP WATERTITE Backer. A water-resistant gypsum board designed as a base for adhesive application of ceramic, metal and plastic tiles in bathrooms, showers, kitchens or any area exposed to high moisture.

PK WEAR SLEEVE. Thin wall metal ring which is press fit over shaft to serve as wearing surface for an oil seal.

RBP WEATHERBRACE. An impregnated insulating board; provides greater strength and density than standard sheathing, eliminating the need for corner bracing.

RBP WEATHER KING SEAL-O-MATIC Roof Shingles. Distinctive random-edge design. UL Class "C" label for fire resistance, wind-resistance. 5 earhtone colors.

RBP WEATHERLOK Shingle. Individual shingle designed primarily for reroofing; exposed corners are locked down for protection against wind damage. Standard WEATHERLOK, weight approx. 175 lbs. per square; Double-Coverage WEATHERLOK, approx. 245 lbs. per square.

IN Weatherproofing Jackets. Felts used for weatherproofing and fire protecting pipe insulation.

RBP **WEATHERTITE Sheathing.** An asphalt impregnated insulating board sheathing made of wood fibers for exterior walls; 24/32" and 1/2" thicknesses; combines nail-holding strength with insulating value.
Made 8' and 9' long, 4' wide and 7/16", 1/2" and 5/8" thick, asphalt coated one or both sides.

CP **Welding Stud.** A corrugated **TRANSITE** fastener.

RBP **WESTERN-SHAKE Mineral Fiber Roof Shingles.** Class "A" shingles designed to reflect the natural beauty of hand-hewn shakes. The warm brown tone of natural cedar.

CP **WESTLOC.** See **LOCHNOTCH**.

CP (Westrock Industries Ltd.) B.M. Compet. to J-M in Canada. (Known as **WESTROC**).

IN **Wet Refractory Cements.** See **BLAKITE**; **FIREITE**; **Heat Treating Cement**, **HELLITE**; **Super BLAKITE**.

P **Wheeler Cutter.** An asbestos-cement pipe-cutter approved for use with **TRANSITE** pipe.

RBP **WHISPERTONE.** Fiber glass Lay-In Ceiling Panel with vinyl facing has Class "C" Fire Rating for residential and light commercial ceiling installations.

CP **WHITE DAPPLE.** **DECROBORD** Design. See **DECROBORD**.

P **White Pipe.** A distinguishing characteristic of **TRANSITE** asbestos-cement pipes.

IN **White Surface Asbestos Jacket.** A pipe insulation jacket made from asbestos weatherproof felt.

BP **WHITE TOP.** A ready-to-lay roofing material made from three or four plies of asbestos felt. See **SALAMANDER WHITE TOP**.

PK **Wicking.** See **Asbestos Listing**.

PK **WILDCAT Slush Pump Packing.** Precision-molded packing rings furnished in sets for use as rod and plunger packings for sealing against hydraulic pressures in reciprocating oil field applications. (When used in other applications, called "CUMPAC" 239.) See **CUMPAC**.

RBP **Wood Beam System.** Metal beams authentically grained like rich, dark wood attach to existing grid system.

RBP **WOODLANDS SEAL-O-MATIC Roof Shingle.** Random tabs of varying width and length for design interest. Natural earth-tone colors.

CP **Wool Felt.** A pipe insulation available in single or double layer for temperatures from 40F to 212F.

PK **Woven Asbestos Sheet.** See **KEARSARGE**; **MOBILIT E**.

TG **Woven Roving.** Coarse, bulky, pure white fabric woven of fiber glass roving. Provides extraordinary strength in large reinforced plastic structures such as tanks, hoods, stacks, boat hulls, containers, etc. Used in hand lay-up method.

PK **Woven Tape.** See **Asbestos Tape**; **Gasketing Tape**.

P **Wye.** A fitting used with most J-M pipes. Contact the department responsible for the pipe concerned.

Y

PK **Yarn.** See Asbestos Yarns and Fiber Glass Yarn.

TG

TG **Yarn.** Twisted and plied continuous-filament glass fibers. For electrical, industrial, plastic reinforcement, and for reinforcement of paper, tape and facings for insulation.

PK **Yarning Rope.** See Asbestos Yarning Rope.

Z

IN (Zebra). Compet. to J-M THERMOBESTOS.

IN **ZELIE.** A lightweight aggregate used in making insulating refractory concrete. Also used as insulating refractory fill.

IN **ZELIE JUMBO.** Series of insulating fire brick sizes larger than conventional straights and standard shapes.

IN **ZEROFIL.** A low-temperature insulation for irregular spaces; made of asphalt-impregnated loose mineral wool.

IN **ZERO-LITE.** Expanded polystyrene insulation for residential and commercial buildings. Rigid foam board used for perimeter insulation, cavity wall insulation, with wallboard on exterior masonry walls, cold storage insulation and flotation; low in thermal conductivity and extremely light in weight.

JOHNS-MANVILLE OPERATING DIVISIONS

Architectural and Engineered Products, New York, N.Y.	International - Europe, Africa & Middle East, New York, N.Y.
Asbestos Fibre, Asbestos, Quebec	International - Latin America & Far East, New York, N.Y.
Canadian Products, Port Credit, Ontario	Packings & Friction Materials, New York, N.Y.
Celite, New York, N.Y.	Residential Products, New York, N.Y.
Fiber Glass Insulations, Toledo, Ohio	Western Gypsum Department, South Gate, Calif.
Industrial Insulations, New York, N.Y.	

JOHNS-MANVILLE PLANTS, MINES AND PRODUCTS

LOCATION	DIVISION OR DEPARTMENT	PRINCIPAL PRODUCT GROUPS
Alexandria, Ind.	Architectural & Engineered	Felted mineral wool acoustical products.
Antonito, Colo.	Celite	Pettite ore blending and loading station.
Apex, Nev. (See Las Vegas)	Asbestos Fibre	Jeffrey - asbestos mine and mill.
Asbestos, Quebec	Canadian Products	Building products, asbestos textile, friction materials.
Asbestos, Quebec	Asbestos Fibre	Advocate - asbestos mine and mill.
Uzie Verie, Newfoundland	International (E.A.&ME)	Pressure-sensitive tapes and adhesives.
Bellegarde, France	Industrial Insulations	Marine insulations.
Billerica, Mass.	International (E.A.&ME)	Insulating bricks and allied refractory products.
Casalpuertengo, Italy	Fiber Glass Insulations	Fiber glass home and commercial insulations.
Cleburne, Texas	Western Gypsum Department	Gypsum deposit - mining.
Coaldale, Colo.	Asbestos Fibre	Asbestos mine and mill.
Coalinga, Calif.	Fiber Glass Insulations	Fiber glass home and commercial insulations.
Corona, Calif.	Architectural & Engineered Products	Residential and commercial carpeting.
Dalton, Ga.	Fiber Glass Insulations	Home, industrial and automotive insulations.
Defiance, Ohio	Fiber Glass Insulations	Industrial blanket and home insulations.
Defiance, Ohio	Fiber Glass Insulations	Pipe insulations, and heating & air conditioning duct.
Defiance, Ohio	Pipe	Asbestos-cement and plastic pipe and composite filament pipes (Flextran).
Denison, Texas	Celite	Acid washed fiber media - chromatographic supports.
Finderne, N.J.	Western Gypsum Department	Gypsum products.
Florence, Colo.	Canadian Products	Fiber glass pipe insulation and specialty products.
Fort Saskatchewan, Alberta	Residential Products	Asphalt roofing and felts.
Fort Worth, Texas	Pipe	Plastic pipe.
Franklin, Pa.	International (E.A.&ME)	Asbestos-cement products.
Ghent, Belgium	Pipe	Asbestos-cement and plastic pipes.
Green Cove Springs, Fla.	Architectural & Engineered Products	Decorative fiber glass reinforced building panels.
Houston, Texas	International (E.A.&ME)	Pettite filter aids and fillers.

Location	Residential Products	Wood-insulating board, ceiling tile and panels
Las Vegas, Nevada	International (E.A.&ME) Western Gypsum Department	Diatomite mine and mill
Lawrence, Mass.	Packings & Friction Mtls	Gypsum deposit, mining, mill products
Lawrence, Calif.	Architectural & Engineered Products	Molded friction materials, pipe fittings
Lawrence, Calif.	Celite	High pressure decorative plastic laminates
Long Beach, Calif.	Industrial Insulations	Diatomite mine and mill, synthetic silicates
Long Beach, Calif.	Pipe	High temperature insulations
Los Angeles, Calif.	Residential Products	Asbestos cement and plastic pipe
Los Angeles, Calif.	Western Gypsum Department	Asphalt & asbestos roofing
Los Angeles, Calif.	Residential Products	Gypsum deposit
Los Angeles, Calif.	Industrial Insulations	Asphalt, asbestos and fiber glass roofing, siding, asbestos and rag felts
Los Angeles, Calif.	Packings & Friction Materials	Aviation, commercial and high temperature insulations.
Los Angeles, Calif.	Pipe	Asbestos textiles, packings, gaskets & friction materials
Los Angeles, Calif.	Residential Products	Asbestos cement pipe
Los Angeles, Calif.	Residential Products	Asphalt and asbestos roofing and asbestos cement siding and roofing
Los Angeles, Calif.	Pipe	Asbestos-cement pipe
Los Angeles, Calif.	International (E.A.&ME)	Pipe Insulations
Los Angeles, Calif.	International (E.A.&ME)	Electrical cable splicing equipment
Los Angeles, Calif.	International (E.A.&ME)	Asbestos-cement products.
Los Angeles, Calif.	Architectural & Engineered Products	Asbestos-cement board products.
Los Angeles, Calif.	Architectural & Engineered Products	Insulating roof deck
Los Angeles, Calif.	Residential Products	Roofing felt
Los Angeles, Calif.	Celite	Pettite mine and mill
Los Angeles, Calif.	Canadian Products	Wood insulating board, ceiling tile and panels.
Los Angeles, Calif.	Packings & Friction Materials	Metallic packings and gaskets seals.
Los Angeles, Calif.	Fiber Glass Insulations	Acoustical panels, aerospace, commercial and home insulation.
Los Angeles, Calif.	Fiber Glass Insulations	Fiber glass home insulations and pipe covering
Los Angeles, Calif.	Residential Products	Asphalt, asbestos and fiber glass roofing, asbestos felts, asbestos cement siding and roofing, asbestos cement flat & corrugate sheets.
Los Angeles, Calif.	Asbestos Fibre	Asbestos mine and mill
Los Angeles, Calif.	Fiber Glass Insulations	Fiber glass insulations
Los Angeles, Calif.	Architectural & Engineered Products	Insulating roof deck.

Santa Catarina, Mexico**	International (L.A. & FE)	Insoluble mine and mill.
Savannah, Ga.	Residential Products	Asphalt and fiber glass roofing.
Spring Place, Ga.	Architectural & Engineered Products	Residential and commercial carpeting.
St. Marcellin, France	International (E.A.&ME)	Insulating brick and allied refractory products.
Stockton, Calif.	Pipe	Asbestos-cement pipe.
South Gate, Calif.	Western Gypsum Department	Gypsum deposit.
Tilton, N.H.	Packings and Friction Materials	Asbestos electrical insulations.
Toronto, Ontario	Canadian Products	Asbestos-cement pipe, high temperature insulations, fiber glass and mineral wool products.
Waterville, Ohio	Fiber Glass Textile Department	Fiberglass yarns, mat roving, woven roving, chopped strand and milled fibers.
Waterville, Ohio	Fiber Glass Insulations	Aerospace insulations, micro beads, commercial roll goods, fiber tubes.
Waukegan, Ill.	Residential Products	Asphalt, asbestos and fiber glass roofing, asbestos felts and structural panels and flat sheets.
Waukegan, Ill.	Industrial Insulations	Asbestos cements, commercial and high temperature insula- tions and refractory felts.
Waukegan, Ill.	Packings and Friction Materials	Molded friction materials, sheet packings and cut gaskets.
Waukegan, Ill. Winder, Ga.	Pipe Fiber Glass Insulations	Asbestos-cement pipe. Fiberglass home and industrial insulations.
Wassembourg, France	International (E.A.&ME)	Perlite filler aids and fillers, insulating roof deck and brake shoes.
Zelienople, Pa.	Industrial Insulations	Insulating fire brick and cements.

*Majority Owned
**Minority Interest

RESEARCH & ENGINEERING CENTER
Finderne, N.J.

FIBER GLASS RESEARCH CENTER
Waterville, Ohio

LEGEND

Next to each item in the Product Dictionary is a code that stands for the Division or Department handling the product. The key to this code is as follows:

Code	Division or Department	Names & Extensions
AFD	ASBESTOS FIBRE DIVISION	
AEP	ARCHITECTURAL & ENGINEERED PRODUCTS DIVISION (Canada: Bldg. Mtls. Dept.)	
CP	CANADIAN PRODUCTS The code 'CP' identifies products sold only in Canada	
CEL	CELITE DIVISION Filter Aids, Fillers & Perlite Products (Canada: Celite Dept.)	
EL	PACKINGS & FRICTION MATERIALS DIVISION Electrical Products (Canada: Special Products Unit)	
FM	PACKINGS & FRICTION MATERIALS DIVISION Friction Materials (Canada: Special Products Unit)	
IN	INDUSTRIAL INSULATIONS DIVISION (Canada: Ind. Prods. & Pipe Dept.)	
INT	INTERNATIONAL DIVISIONS Responsible for overseas plants and representatives for the manufacture and the supply of J-M Products.	
P	PIPE DIVISION (Canada: Ind. Prods. & Pipe Dept.)	
PK	PACKINGS & FRICTION MATERIALS Packings & Textiles (Canada: Special Products Unit)	
RBP	RESIDENTIAL BUILDING PRODUCTS DIVISION (Canada: Bldg. Mtls. Dept.)	
TG	FIBER GLASS TEXTILES Textile Glass Materials (Canada: Ind. Prods. & Pipe Dept.)	

Plant & Mine Locations and Product Lines are Listed on Pages 115-117.

INTRODUCTION

Johns-Manville is engaged in more than a score of major businesses. Each one involves a broad range of materials and many different constructions or designs.

This Product Dictionary presents a comprehensive listing of our various product lines and brief descriptions of their constructions and popular usages. To make the Dictionary more helpful, certain competitive products have been included, with proper identification.

Each J-M product listing indicates which division or department is responsible for its sales. A simple code system is used to pinpoint the particular group from which complete information and prices may be obtained. Thus the Dictionary can help speed customer inquiries, whether by letter or telephone, to J-M individuals best qualified to respond to questions that could lead to more business.

Space has been provided on "Legend" page for telephone operators and clerks to jot in extension numbers, outside locations or other information as to where calls should be directed for best service to the prospect.

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Johns-Manville Operating Facilities, with a list of the various services they perform or materials which each mines, mills or manufactures, are presented on pages 115-117.

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To designate the main classes of product names, typing has been used as follows:

J-M trademarks are in capital letters. (Product names shown in capital letters are not necessarily registered. Unless positively known, refer to latest J-M Trademark Booklet published by our Patent Department, Findernec.)

Example: ACOUSTI-SHELL.

Other J-M product names, and generic terms, are in initial caps.

Example: Sinbad Packing.

Competitive product names are enclosed in parenthesis and are further identified by the abbreviation "Compet."

Example: (Calsite). Compet. to J-M THERMOBESTOS.