THE EAGLE-PICHER COMPANY

FIBERS DEPARTMENT • CINCINNATI, OHIO 45201

DISTRIBUTOR-CONTRACTOR



EAGLE PICHER SUPERGLAS* AND HYLO* PRODUCTS

The following price sheets cover the products distributed by Eagle-Picher under the trade name Superglas and Hylo.

Contents

Pricing Zones

Superglas Sectional and One Piece Pipe Insulation

Hylo and Hylo-18 Pipe Insulation

Superglas PF-610 Insulation

Superglas TWF Insulating Wool

Superglas Metal Mesh Blankets

Hylo and Hylo-18 Block Insulation

Superglas Industrial Insulations 700 Series

Superglas Faced Rigid Insulations

Superglas Cold Storage Insulation

Superglas Pipe Bands

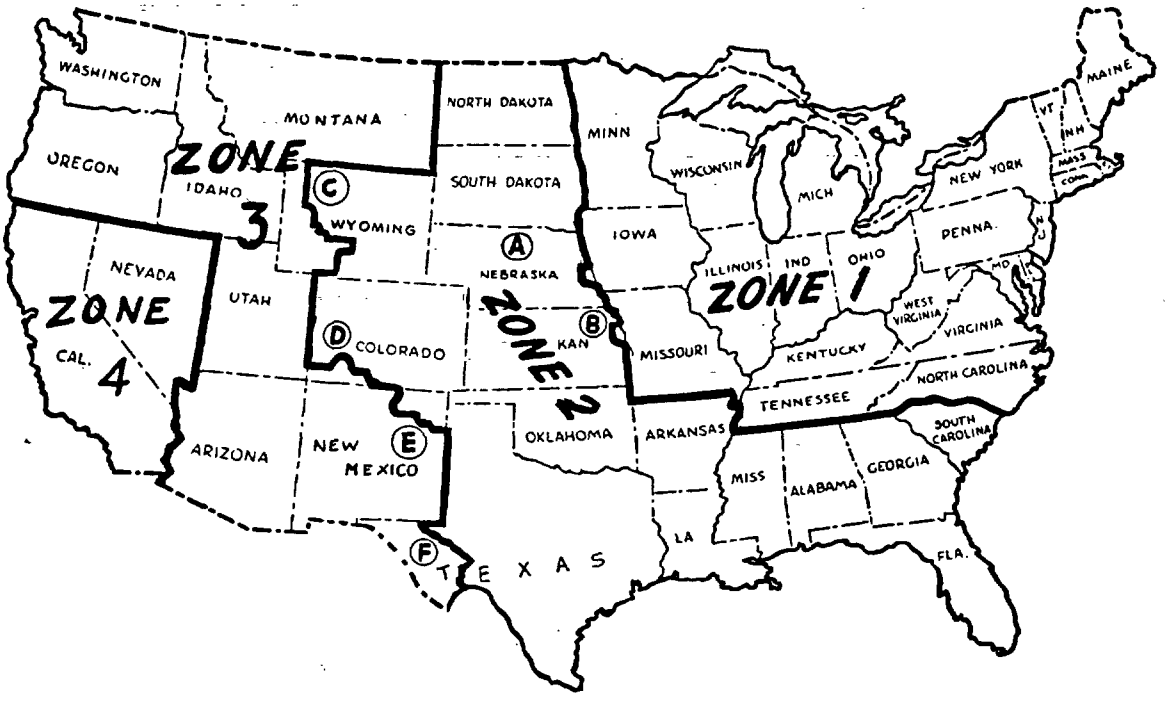
Superglas Flexible Insulation

Superglas Flexible Duct Liners

* Superglas and Hylo are trademarks (Reg. U. S. Pat. Off.) of The Eagle-Picher Company.

Distributed by Eagle-Picher under

PRICING ZONES



(A) All of the state of NEBRASKA is in Zone 2 with the exception of Douglas County (in which the city of Omaha is located) which is in Zone 1.

(B) All of the state of KANSAS is in Zone 2 with the exception of Wyandotte County (in which the city of Kansas City, Kansas, is located) which is in Zone 1.

(C) All of the state of WYOMING is located in Zone 2 except the counties of Yellowstone National Park, Teton, Lincoln, Sublette, Uinta, and Sweetwater, which are in Zone 3.

(D) All of the state of COLORADO is in Zone 2 except the counties of Montezuma, San Juan, LaPlata, and Archuleta, which are in Zone 3.

(E) All of the state of NEW MEXICO is in Zone 3 except for the counties of Colfax and Union which are in Zone 2.

(F) All of the state of TEXAS is in Zone 2 except the counties of El Paso, Hudspeth, Culbertson, Reeves, Pecos, Brewster, Jeff Davis, and Presidio, which are in Zone 3.

DEFINITIONS OF PRICING ZONES

Zone 1

Maine, New Hampshire, Vermont, New York, Massachusetts, Connecticut, Rhode Island, New Jersey, Pennsylvania, Delaware, Maryland, District of Columbia, Virginia, West Virginia, North Carolina, Tennessee, Kentucky, Ohio, Indiana, Illinois, Michigan, Wisconsin, Minnesota, Iowa, Missouri; Douglas County in Nebraska, and Wyandotte County in Kansas.

Zone 2

North Dakota, South Dakota, Wyoming (except counties of Yellowstone National Park, Teton, Lincoln, Sublette, Uinta, and Sweetwater); Colorado (except counties of Montezuma, San Juan. La Plata, and Archuleta); New Mexico counties of Colfax and Union; Nebraska (except Douglas County); Kansas (except Wyandotte County), Oklahoma, Arkansas, Louisiana. Mississippi, Alabama, Georgia, South Carolina, Texas (except counties of El Paso, Hudspeth, Culbertson, Reeves, Pecos, Brewster, Jeff Davis, and Presidio); Florida.

Zone 3

Washington, Oregon, Idaho, Montana, Arizona, Utah, and those portions of Wyoming, Colorado, Texas, and New Mexico not included in Zone 2.

Zone 4

California and Nevada.

Export

For shipments outside continental limits of the United States, refer to Cincinnati.

THE EAGLE-PICHER COMPANY

FIBERS AND MINERALS DIVISION

General Offices • Cincinnati, Ohio 45201

UNR 006810

010648

OWENS-CORNING FIBERGLAS

No. IN1.P1
Page 1 of 11
Date 1/15/67
Supersedes:
IN1.P1 (11/1/64)
IN1.P1-PCD (3/6/64)
IN1.P1A-PCD (4/15/64)
IN1.P3-PCD (7/29/64)

Distributed by Eagle-Picher under trade name SUPERGLAS ®

FIBERGLAS PIPE INSULATION

HEAVY DENSITY SECTIONAL and ONE-PIECE

LIST PRICES
Zones 1, 2, 3 & 4

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ONE-PIECE 7

GLAS-KLAD
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Waterproof Jacket Limitations 10-11

PACKAGING DATA · LOAD FACTORS · ODD COUNT CARTONS
HEAVY DENSITY SECTIONAL ..... PKG. DATA SUPP.
ONE-PIECE ..... PKG. DATA SUPP.

DOMESTIC SALES
SHIPPING TERMS: General Terms and Conditions of Sale apply to these products and are set forth on GL1.1. F.O.B. shipping point, freight allowed on seller's routing; additional transportation charges are extra.
PAYMENT TERMS: 1%, 10th Prox., in dollar amount shown on invoice; Net 30th Prox.

EXPORT SALES Terms and Conditions of Sale, including Shipping and Payment Terms, are set forth on EX1.1.

UNR 006811

010649

Trademark of Owens-Corning Fiberglas Corporation

OWENS-CORNING FIBERGLAS

Distributed by Eagle-Picher Indus

Grade Name SUPERGLAS ONE-PIECE PIPE INSULATION

FIBERGLAS PIPE INSULATION

GENERAL INFORMATION

Fiberglas* Pipe Insulations are made of fine fiber insulating wool accurately molded to fit standard Iron pipe (to 33") and Copper tubing (to 6⅛" O.D.) sizes.

Heavy Density is sectional thru 12" IPS (16" IPS on West Coast) and segmental in larger sizes. One-piece is furnished in slit cylinders for all sizes. All standard insulation is furnished in 3' lengths. In addition, One-piece Pipe is available in 6' lengths, unjacketed in certain sizes (see Packaging Supplement). Heavy Density pipe insulation, 1" and thicker, follows Simplified Dimensional Standards and may be "Nested". Accessories: Lap adhesive, wire, cements, etc., are not furnished.

JACKETS

Jackets are factory applied except where noted. Jackets on Heavy Density pipe, over 12" IPS, are precut and shipped *unapplied*. Canvas jackets provide an overlap at the butt joint between sections.

All Waterproof, Vapor Barrier, Self-Sealing Lap and Pre-sized Glass Cloth jackets are furnished *with* Joint-Seal strips of the same material; one per 3' length. The following type jackets are available:

CANVAS JACKETS in "Standard", 4 Ounce, 6 Ounce and 8 Ounce weights.

WATERPROOF JACKETS in 35 WPJ (30 or 35 lb. glazed felt), 45 WPJ (45 lb. felt) and 55 WPJ (55 lb. felt) covering. On several small diameter pipe sizes, the jacket is shipped unapplied in the carton (see pages 9 & 11). Waterproof jackets are not available on ½" or ¾" thick Pipe Insulation.

ASBESTOS JACKETS—45 lb. Asbestos Felt Jacket (45 AFJ)—a weather resistant jacket composed of asphalt saturated asbestos felt weighing 45 lbs. per 108 sq. ft. Asbestos jacket is available only on 1" thicknesses or greater.

VAPOR BARRIER JACKETS in the types listed below. Multiple-layer construction is supplied with an inner jacket to provide multiple vapor barriers, unless requested otherwise. Multiple layer construction on ½" thick, ¾" thick, or One-Piece items is not available.

WHITE FIRE RETARDANT JACKET (WFRJ) is a laminate of aluminum foil and special white embossed kraft paper reinforced with glass scrim laminated with a flame retardant adhesive.

SELF-SEALING LAP (SSL)—a special lap seal adhesive, protected with release paper, factory applied to longitudinal lap and to joint seal strips, on WFRJ, which provides positive adhesion and vapor seal. Available sizes—Shaded area, pages 4, 5, and 7.

WHITE DUAL-TEMPERATURE JACKET (WDT) is a 3-ply laminate consisting of aluminum foil between two layers of creped kraft paper.

WHITE UNIVERSAL JACKET (WUJ) is a creped white kraft paper laminated to an inner layer of aluminum foil. Universal jacket is available on ½" and ¾" thick Pipe Covering only, for piping of 50F and above.

UNIVERSAL FIRE RETARDANT (UFR) consists of aluminum foil, glass reinforcement and a special white kraft paper laminated with a flame retardant adhesive. Available on ½" x ¾" thick for piping of 50F and above. Div. approval required for use on 1" and thicker, for Gov't requirements on hot piping.

CANVAS OVER VAPOR BARRIER JACKETS: 6 ounce and 8 ounce canvas is available factory applied over either WDT, WFRJ, WUJ, or UFR. For sizes over 12", I.P.S., the extra canvas is included in the carton but *not* factory applied.

PRE-SIZED GLASS CLOTH JACKET (GCJPS)—a glass cloth, factory sized to provide neat, white surface, ready for finish painting.

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UNR 006812

Distributed by Eagle-Picher under
trade name SUPERGLAS ®

FIBERGLAS PIPE INSULATION

GENERAL INFORMATION

METAL JACKETS: (On Heavy Density Sectional Only)
Three types of metal jackets are available:
No. 10 Glas-Klad (.010" Embossed Aluminum)
No. 16 Glas-Klad (.016" Smooth or Embossed Aluminum)
No. 10 Stainless Glas-Klad (.010" Stainless Steel, Smooth Only.)

Aluminum Jackets are of 3003 alloy and have an integral moisture barrier lining. Stainless steel is available for those areas where extreme corrosive atmospheres or fire hazards are encountered. Joint Seal Strips are provided on No. 16 Glas-Klad and No. 10 Stainless Glas-Klad. No. 10 Glas-Klad is provided with a 2" longitudinal and circumferential lap.

STANDARD ITEMS: ALL ITEMS ARE STANDARD

Wall Thickness	Pipe and Tubing Size	
	12" & under	Over 12"
1½" & under	Stocked*	Non-Stocked
2" & over	Non-Stocked	Non-Stocked

*Stocked only in following jackets:

No Wrap, Std. Canvas, WUJ
WFRJ, FRJ-SSL, UFR
Pre-sized Glass Cloth (GCJPS)

Non-Stocked items are not subject to return under Section 14 of General Terms and Conditions of Sale.

BANDS: All jackets are shipped *without* bands unless order specifies "with bands". Bands are furnished at extra cost: 2½ bands per section for Canvas Jacket; 3 bands per section for Waterproof, Vapor Barrier, and Asbestos Jackets.

ODD COUNT PACKAGING: When order specifies "Job-Site shipment, ship exact", smaller cartons containing no more than 72 L.F. (see pkg. suppl.) of ½", ¾", 1" and 1½" wall thickness, will be shipped to job or warehouse, when insulation is jacketed with — No Wrap, Std. Canvas, SSL, WUJ, WFRJ, and UFR. Other jackets and greater thicknesses will be shipped in the exact quantity ordered when shipped to job site. Pricing is determined by quantity shipped.

MINIMUM RELEASE QUANTITY: One Carton of any one item.

CARLOAD AND TRUCKLOAD QUANTITY: Full Visible Carload or Truckload (Refer to load factors on Packaging Data Sheets).

Mixed carloads and truckloads in accordance with the Industrial Mixed-shipment procedures, will take the carload or truckload price.

Truckload prices and shipments apply to Zones 1 and 2 and State of California only.

Part Car prices apply to Zones 3 and 4 only. Part Car prices apply to releases of 1/3 carload or more shipped in full consolidated rail cars, pending availability of consolidation; price includes stopover charges.

ON RELEASE OF ONE FULL CARLOAD OR TRUCKLOAD, TO INSURE CL OR TL PRICING, CUSTOMER MUST SPECIFY ONE ITEM TO BE INCREASED OR DECREASED TO FILL VEHICLE TO CAPACITY.

Releases in excess of one full carload or truckload do not require a variable item and the excess will be shipped OCF routing and will be invoiced at the same level as the full vehicle.

FOR DISCOUNTS SEE DISCOUNT SHEETS IN1.D1 OR IN1.D1-P UNR 006813

CAS: IN-H40 IN-H40.9
IN-H40.1 IN-810
IN-H40.5 IN-810.8 **010650**

Distributed by Eagle-Picher under

Available in Zones 1 & 2 only

HEAVY DENSITY SECTIONAL PIPE INSULATION

LIST PRICES PER LINEAL FOOT* . . . IRON PIPE SIZES

(Sizes for which no list prices are shown are not available)

NOMINAL PIPE SIZE	O. D. OF PIPE	FORM	IRON PIPE SIZES IPS)											
			SINGLE LAYER				Single or Multiple	MULTIPLE LAYER **						
			½"	¾"	1"	1½"	2"	2½"	3"	3½"	4"	4½"	5"	6"
¼"	.54	SECTIONAL	$.22		$.22	$.46								
⅜"	.675		.22	$.22	.22	.46								
½"	.84		.22	.22	.22	.46	$.75	$1.00	$1.20	$1.55	$1.95	$2.40	$2.90	$4.05
¾"	1.05		.24	.24	.24	.49	.80	1.05	1.35	1.75	2.15	2.55	3.10	4.20
1"	1.32		.27	.27	.27	.52	.85	1.10	1.40	1.80	2.20	2.60	3.15	4.25
1¼"	1.66		.30	.30	.30	.56	.90	1.15	1.45	1.95	2.35	2.80	3.45	4.45
1½"	1.90		.33	.33	.33	.60	.95	1.20	1.55	2.00	2.40	2.90	3.50	4.65
2"	2.38		.36	.36	.36	.64	1.00	1.25	1.65	2.10	2.45	3.00	3.60	4.75
2½"	2.88		.40	.40	.40	.70	1.05	1.35	1.75	2.25	2.70	3.25	3.90	5.10
3"	3.50		.45	.45	.45	.76	1.15	1.50	1.90	2.35	2.85	3.40	4.00	5.25
3½"	4.00		.50	.50	.50	.82	1.25	1.65	2.05	2.60	3.15	3.70	4.35	5.65
4"	4.50		.60	.60	.60	.88	1.35	1.80	2.20	2.70	3.30	3.80	4.45	5.75
4½"	5.00			.65	.65	.94	1.45	1.95	2.35	2.95	3.50	4.10	4.80	6.20
5"	5.56		.70	.70	.70	1.00	1.55	2.10	2.50	3.00	3.55	4.15	4.85	6.25
6"	6.63		.80	.80	.80	1.10	1.70	2.25	2.70	3.30	3.90	4.50	5.30	6.70
7"	7.63				1.00	1.20	1.85	2.40	2.90	3.60	4.25	4.85	5.75	7.35
8"	8.63		1.10		1.10	1.35	2.00	2.55	3.15	3.85	4.55	5.25	6.10	7.85
9"	9.63				1.20	1.50	2.20	2.80	3.40	4.20	4.90	5.60	6.65	8.35
10"	10.75		1.30		1.30	1.65	2.40	3.05	3.65	4.65	5.40	6.15	7.10	9.00
11"	11.75				1.40	1.75	2.55	3.20	3.90	4.90	5.70	6.50	7.50	9.50
12"	12.75		1.50		1.50	1.85	2.70	3.40	4.10	5.15	6.00	6.85	7.90	9.90
14"	14.00	TRI-SEGMENTAL			1.70	2.10	3.00	3.80	4.60	5.55	6.50	7.45	8.55	10.60
15"	15.00				1.85	2.25	3.15	4.00	4.85	5.85	6.85	7.85	8.95	11.10
16"	16.00				2.00	2.35	3.30	4.20	5.10	6.15	7.15	8.15	9.30	11.60
17"	17.00				2.10	2.50	3.45	4.40	5.35	6.45	7.50	8.50	9.70	12.05
18"	18.00				2.20	2.60	3.60	4.60	5.60	6.70	7.80	8.85	10.10	12.50
19"	19.00				2.35	2.75	3.80	4.80	5.80	7.00	8.10	9.25	10.55	13.00
20"	20.00				2.45	2.85	4.00	5.00	6.00	7.25	8.45	9.55	10.85	13.50
21"	21.00				2.60	3.00	4.15	5.20	6.25	7.50	8.75	9.90	11.25	13.90
22"	22.00				2.70	3.10	4.30	5.40	6.50	7.85	9.05	10.25	11.65	14.45
23"	23.00				2.85	3.20	4.40	5.60	6.75	8.05	9.35	10.70	12.05	15.00
24"	24.00				3.00	3.30	4.50	5.75	7.00	8.25	9.65	11.00	12.45	15.30
25"	25.00					3.45	4.70	6.00	7.20	8.60	10.05	11.50	12.95	15.90
26"	26.00					3.55	4.85	6.20	7.50	8.85	10.35	11.80	13.25	
27"	27.00					3.65	5.05	6.40	7.70	9.15	10.60	12.05	13.65	
28"	28.00					3.75	5.15	6.65	7.95	9.45	11.05	12.45	14.05	
29"	29.00	7-SEGMENTS				3.90	5.35	6.80	8.20	9.80	11.40	12.95		
30"	30.00					4.00	5.50	6.95	8.40	10.00				
31"	31.00					4.15	5.70	7.20						
32"	32.00					4.30	5.90	7.40						
33"	33.00					4.40	6.05	7.60						

UNR 006814

SHADED AREA indicates sizes available with Self-Sealing Lap on WFRJ.

*For discounts see Discount Sheet IN1.D1.

**See pages 10 & 11 for multiple layer nested combinations offered at the list price. For other combinations of multiple layer thicknesses, add the single layer unit prices.

010650-A

EAGLE-PICHER INDUSTRIES, INC.

FIBERS DEPARTMENT • CINCINNATI, OHIO 45201

EAGLE PICHER

BULLETIN II-413

August 10, 1967

TO: FIBERS DEPARTMENT DISTRIBUTORS & CONTRACTORS
FIBERS DEPARTMENT REGIONAL MANAGERS

SUBJECT: Revised Superglas and Hylo Price Sheets

Attached are new Price Sheets covering Superglas and Hylo Pipe Insulation.

We call your attention to the following revisions:

IN1.P1 - Superglas Pipe Insulation

1. Revision of Page 5.
2. Supplement covering revised packaging data and load factors for all zones.

IN1.D1 - Superglas Pipe Insulation

1. Price on ½" thickness is increased 3 points, 3/4" thickness is increased 2 points and 1" and over is increased 3 points.
2. The premium for WFRJ is increased from 10 points to 11 points on thicknesses 1" and greater.
3. White Dual Temp (WDT) and White Universal (WUJ) are eliminated from the product line in single and double wraps.

NOTE: This price increase is effective October 15, 1967. All shipments made prior to this date will be billed per IN1.D1 dated April 1, 1967. All future bids should be quoted at the new price. In accordance with our Bulletin II-412 dated July 11, 1967, requests for price protection on contracts valued at $5,000.00 list or more were to be returned to this office by August 7.

Change Bulletin No. 22 - Hylo Pipe Insulation

1. Increases number of items available on Price Sheet IN1.P4.

Please insert these new sheets in the Superglas-Hylo Section of your Price Book and remove the sheets no longer effective.

If you have any questions regarding these new price sheets, please let us know.

Very truly yours,

UNR 006815

Lowell D. Graves
Asst. General Sales Manager
Fibers Department

010651

LDG/sm
Atts.

FORM 2102

Distributed by Eagle-Picher under trade name SUPERGLAS ®Available in Zones 3 & 4 only

HEAVY DENSITY SECTIONAL PIPE INSULATION

LIST PRICES PER LINEAL FOOT* . . . IRON PIPE SIZES

(Sizes for which no list prices are shown are not available)

NOMINAL PIPE SIZE	O. D. OF PIPE	FORM	IRON PIPE SIZES IPS)											
			SINGLE LAYER				Single or Multiple	MULTIPLE LAYER **						
			½"	¾"	1"	1½"	2"	2½"	3"	3½"	4"	4½"	5"	6"
¼"	.54	SECTIONAL		$.22	$.22	$.46	$.75							
⅜"	.675		$.22	$.22	.22	.46	.75							
½"	.84		.22	.22	.22	.46	$.75	$1.00	$1.20	$1.55	$1.95	$2.40	$2.90	$4.05
¾"	1.05		.24	.24	.24	.49	.80	1.05	1.35	1.75	2.15	2.55	3.10	4.20
1"	1.32		.27	.27	.27	.52	.85	1.10	1.40	1.80	2.20	2.60	3.15	4.25
1¼"	1.66		.30	.30	.30	.56	.90	1.15	1.45	1.95	2.35	2.80	3.45	4.45
1½"	1.90		.33	.33	.33	.60	.95	1.20	1.55	2.00	2.40	2.90	3.50	4.65
2"	2.38		.36	.36	.36	.64	1.00	1.25	1.65	2.10	2.45	3.00	3.60	4.75
2½"	2.88		.40	.40	.40	.70	1.05	1.35	1.75	2.25	2.70	3.25	3.90	5.10
3"	3.50		.45	.45	.45	.76	1.15	1.50	1.90	2.35	2.85	3.40	4.00	5.25
3½"	4.00		.50	.50	.50	.82	1.25	1.65	2.05	2.60	3.15	3.70	4.35	5.65
4"	4.50		.60	.60	.60	.88	1.35	1.80	2.20	2.70	3.30	3.80	4.45	5.75
4½"	5.00		.65	.65	.65	.94	1.45	1.95	2.35	2.95	3.50	4.10	4.80	6.20
5"	5.56		.70	.70	.70	1.00	1.55	2.10	2.50	3.00	3.55	4.15	4.85	6.25
6"	6.63		.80	.80	.80	1.10	1.70	2.25	2.70	3.30	3.90	4.50	5.30	6.70
7"	7.63		1.00		1.00	1.20	1.85	2.40	2.90	3.60	4.25	4.85	5.75	7.35
8"	8.63		1.10		1.10	1.35	2.00	2.55	3.15	3.85	4.55	5.25	6.10	7.85
9"	9.63		1.20		1.20	1.50	2.20	2.80	3.40	4.20	4.90	5.60	6.65	8.35
10"	10.75		1.30		1.30	1.65	2.40	3.05	3.65	4.65	5.40	6.15	7.10	9.00
11"	11.75		1.40		1.40	1.75	2.55	3.20	3.90	4.90	5.70	6.50	7.50	9.50
12"	12.75		1.50	1.50	1.50	1.85	2.70	3.40	4.10	5.15	6.00	6.85	7.90	9.90
14"	14.00				1.70	2.10	3.00	3.80	4.60	5.55	6.50	7.45	8.55	10.60
15"	15.00				1.85	2.25	3.15	4.00	4.85	5.85	6.85	7.85	8.95	11.10
16"	16.00				2.00	2.35	3.30	4.20	5.10	6.15	7.15	8.15	9.30	11.60
17"	17.00	TRI-SEGMENTAL				2.50	3.45	4.40	5.35	6.45	7.50	8.50	9.70	12.05
18"	18.00					2.60	3.60	4.60	5.60	6.70	7.80	8.85	10.10	12.50
19"	19.00					2.75	3.80	4.80	5.80	7.00	8.10	9.25	10.55	
20"	20.00					2.85	4.00	5.00	6.00	7.25	8.45	9.55	10.85	
21"	21.00					3.00	4.15	5.20	6.25	7.50	8.75	9.90		13.90
22"	22.00													
23"	23.00					3.20	4.40	5.60		8.05			12.05	
24"	24.00					3.30	4.50	5.75	7.00				12.45	
25"	25.00					3.45	4.70	6.00			10.00	11.40		
26"	26.00													
27"	27.00					3.65			7.70	9.15				
28"	28.00													
29"	29.00													
30"	30.00					4.00	5.50							

UNR 006816

SHADED AREA indicates sizes available with Self-Sealing Lap on WFRJ.

010652

*For discounts see Discount Sheet IN1.D1-P.

**See pages 10 & 11 for multiple layer nested combinations offered at the list price. For other combinations of multiple layer thicknesses, add the single layer unit prices.

HEAVY DENSITY SECTIONAL PIPE INSULATION

LIST PRICES PER LINEAL FOOT* . . . COPPER TUBING

(Sizes for which no list prices are shown are not available)

Available in Zones 1 & 2 only

COPPER TUBING (CT)					
O. D. OF TUBE	NOM. TUBE SIZE	SINGLE LAYER			
		½"	¾"	1"	1½"
½"	⅜"	$.22	$.22	$.22	$.46
⅝"	½"	.22	.22	.22	.46
¾"	⅝"	.24	.24	.24	.49
⅞"	¾"	.24	.24	.24	.49
1⅛"	1"	.27	.27	.27	.52
1⅜"	1¼"	.30	.30	.30	.56
1⅝"	1½"	.30	.30	.30	.56
2⅛"	2"	.36	.36	.36	.64
2⅝"	2½"	.40	.40	.40	.70
3⅛"	3"	.45		.45	.76
3⅝"	3½"	.50		.50	.82
4⅛"	4"	.60		.60	.88
5⅛"	5"			.70	1.00
6⅛"	6"			.80	1.10

Available in Zones 3 & 4 only

COPPER TUBING (CT)					
O. D. OF TUBE	NOM. TUBE SIZE	SINGLE LAYER			
		½"	¾"	1"	1½"
½"	⅜"	$.22	$.22	$.22	$.46
⅝"	½"	.22	.22	.22	.46
¾"	⅝"	.24	.24	.24	.49
⅞"	¾"	.24	.24	.24	.49
1⅛"	1"	.27	.27	.27	.52
1⅜"	1¼"	.30	.30	.30	.56
1⅝"	1½"	.30	.30	.30	.56
2⅛"	2"	.36	.36	.36	.64
2⅝"	2½"	.40	.40	.40	.70
3⅛"	3"	.45	.45	.45	.76
3⅝"	3½"	.50	.50	.50	.82
4⅛"	4"	.60	.60	.60	.88
5⅛"	5"	.70	.70	.70	1.00
6⅛"	6"	.80	.80	.80	1.10

SELF-SEALING LAP

SHADED AREA indicates sizes available with Self-Sealing Lap on WFRJ.

NET PRICE ADD-ON: See Discount Sheet IN1.D1 or IN1.D1-P.
Price includes Joint Sealer strips, 1 per 3′ section.

SSL. JOINT SEALER STRIPS (In Rolls)
may be purchased in continuous rolls for special requirements.

Roll Size	NET PRICE PER ROLL	Packaging	Minimum Release Quantity
3" x 300′	$11.24	6 rolls/ctn.	1 Carton

CAS: IN-R78

WATERPROOF JACKETS: See page 11 for minimum pipe sizes available factory applied.

UNR 006817

010653

*For discounts see Discount Sheet IN1.D1 or IN1.D1-P.

Distributed by Eagle-Picher under

trade name SUPERGLAS ®

ONE-PIECE PIPE INSULATION

Single Layer Only

LIST PRICES PER LINEAL FOOT *

Available in Zones 1, 2, 3 and 4

NOMINAL PIPE SIZE	O.D. OF PIPE	IRON PIPE SIZES (IPS) ½"	¾"	1"	1½"	2"	O.D. OF TUBE	NOM. TUBE SIZE	COPPER TUBING (CT) ½"	¾"	1"	1½"	2"
⅜"	.675	$.22	$.22	$.22									
½"	.84	.22	.22	.22	$.46	$.75	⅝"	½"	$.22	$.22	$.22	$.46	
¾"	1.05	.24	.24	.24	.49	.80	¾"	⅝"	.24	.24	.24	.49	
1"	1.32	.27	.27	.27	.52	.85	⅞"	¾"	.24	.24	.24	.49	$.80
1¼"	1.66	.30	.30	.30	.56	.90	1⅛"	1"	.27	.27	.27	.52	.85
1½"	1.90	.33	.33	.33	.60	.95	1⅜"	1¼"	.30	.30	.30	.56	.90
2"	2.38	.36	.36	.36	.64	1.00	1⅝"	1½"	.30	.30	.30	.56	.90
2½"	2.88	.40	.40	.40	.70	1.05	2⅛"	2"	.36	.36	.36	.64	1.00
3"	3.50	.45	.45	.45	.76	1.15	2⅝"	2½"	.40	.40	.40	.70	1.05
3½"	4.00	.50	.50	.50	.82		3⅛"	3"	.45	.45	.45	.76	
4"	4.50	.60	.60	.60	.88	1.35	3⅝"	3½"	.50	.50	.50	.82	
4½"	5.00	.65	.65	.65	.94	1.45	4⅛"	4"	.60	.60	.60	.88	1.35
5"	5.56	.70	.70	.70	1.00	1.55	5⅛"	5"	.70	.70	.70	1.00	1.55
6"	6.63	.80	.80	.80	1.10	1.70	6⅛"	6"	.80	.80	.80	1.10	1.70
7"	7.63	1.00		1.00	1.20	1.85							
8"	8.63	1.10		1.10	1.35	2.00							
9"	9.63	1.20		1.20	1.50	2.20							
10"	10.75	1.30		1.30	1.65	2.40							
11"	11.75	1.40		1.40	1.75	2.55							
12"	12.75	1.50		1.50	1.85								
14"	14.00			1.70	2.10	3.00							
15"	15.00			1.85	2.25	3.15							
16"	16.00			2.00	2.35	3.30							
17"	17.00			2.10	2.50	3.45							
18"	18.00			2.20	2.60	3.60							
19"	19.00			2.35	2.75	3.80							
20"	20.00			2.45	2.85	4.00							
21"	21.00			2.60	3.00	4.15							
22"	22.00			2.70	3.10	4.30							
23"	23.00			2.85	3.20	4.40							
24"	24.00			3.00	3.30	4.50							
25"	25.00			3.10	3.45	4.70							
26"	26.00			3.20	3.55	4.85							
27"	27.00			3.30	3.65	5.05							
28"	28.00			3.40	3.75	5.15							
29"	29.00			3.50	3.90	5.35							
30"	30.00			3.60	4.00	5.50							
31"	31.00			3.70	4.15	5.70							
32"	32.00			3.80	4.30	5.90							
33"	33.00			3.90	4.40	6.05							

List prices also apply to 6' lengths shown on Packaging Data Supplement. 6' lengths not available with jackets.

*For discounts see Discount Sheet IN1.D1 or IN1.D1-P.

NOTE: ⅜" IPS sizes and ⅝" O.D. & ¾" O.D. CT sizes produced at Newark and are sectional in form. Orders may be entered at Barrington for these sizes. For product data, refer to page 3.

SELF-SEALING LAP

SHADED AREA indicates sizes available with Self-Sealing Lap on WFRJ.

NET PRICE ADD-ON: See Discount Sheet IND1 or IND1-P. Price includes Joint Sealer strips, 1 per 3' section.

JOINT SEALER STRIPS (In Rolls) may be purchased in continuous rolls for special requirements.

Roll Size	NET PRICE PER ROLL	Packaging	Minimum Release Quantity
3" x 300'	$11.24	6 rolls/ctn.	1 Carton

CAS: IN-R78

WATERPROOF JACKETS—See page 9 for minimum pipe sizes available with factory applied jacket.

UNR 006818

010654

NET ADD-ON CHARGES FOR METAL JACKETS

O.D. OF INSULATION	ORDERING SIZE — NOMINAL PIPE SIZE				METAL JACKET ADD-ON — #10 GLAS-KLAD			#16 GLAS-KLAD			#10 STEEL GLAS-CLAD		
	1" THK	1½" THK	2" THK	2½" THK	CL	TL OR POOLCAR	LTL	CL	TL OR POOLCAR	LTL	CL	TL OR POOLCAR	LTL
IRON PIPE SIZES													
4.00	1½"	½"-¾"			$.36	$.39	$.42	$.43	$.46	$.49	$1.06	$1.14	$1.22
4.50	2"	1"			.37	.40	.43	.45	.48	.52	1.27	1.36	1.46
5.00	2½"	1¼"-1½"	½"-¾"		.39	.42	.45	.47	.50	.54	1.49	1.60	1.71
5.562	3"	2"-2½"	1"-1¼"-1½"		.40	.43	.46	.49	.52	.56	1.70	1.83	1.96
6.625	3½"-4"	3"-3½"	2"-2½"		.42	.45	.48	.53	.57	.61	1.86	2.00	2.14
7.625	4½"-5"	4"-4½"	3"-3½"		.44	.47	.50	.57	.61	.66	2.02	2.17	2.32
8.625	6"	5"	4"-4½"		.47	.51	.55	.61	.65	.70	2.18	2.34	2.51
9.625	7"	6"	5"		.49	.53	.57	.65	.70	.75	2.40	2.58	2.76
10.75	8"	7"	6"		.53	.57	.61	.69	.74	.79	2.55	2.74	2.93
11.75	9"	8"	7"		.56	.60	.65	.75	.80	.86	2.72	2.92	3.13
12.75	10"	9"	8"	7"	.61	.66	.71	.79	.85	.91	2.81	3.02	3.23
14.00	11"	10"	9"	8"	.68	.73	.79	.90	.97	1.04	2.92	3.14	3.36
15.00	12"	11"	10"	9"	.76	.82	.88	.99	1.06	1.14	30.7	3.30	3.53
* 16.00	14"	12"	11"	10"	.83	.89	.96	1.10	1.18	1.27	3.17	3.41	3.65
17.00	15"	14"	12"	11"	.94	1.01	1.09	1.24	1.33	1.43	3.38	3.63	3.89
18.00	16"	15"	14"	12"	1.00	1.08	1.16	1.30	1.40	1.50	3.67	3.94	4.22
** 19.00	17"	16"	15"	14"	1.05	1.13	1.22	1.43	1.54	1.58	3.87	4.18	4.49
20.00	18"	17"	16"	15"	1.11	1.20	1.29	1.48	1.60	1.64	4.08	4.41	4.73
21.00	19"	18"	17"	16"	1.17	1.26	1.36	1.55	1.67	1.71	4.28	4.62	4.96
22.00	20"	19"	18"	17"	1.22	1.32	1.42	1.60	1.73	1.77	4.49	4.85	5.21
23.00	21"	20"	19"	18"	1.28	1.38	1.48	1.64	1.77	1.79	4.69	5.07	5.44
24.00	22"	21"	20"	19"	1.33	1.44	1.54	1.69	1.83	1.87	4.89	5.28	5.67
25.00	23"	22"	21"	20"	1.39	1.50	1.61	1.75	1.89	1.93	5.10	5.51	5.92
26.00	24"	23"	22"	21"	1.44	1.56	1.67	1.81	1.95	2.00	5.30	5.72	6.15
27.00		24"	23"	22"	1.50	1.62	1.74	1.85	2.00	2.04	5.50	5.91	6.38
28.00			24"	23"	1.55	1.67	1.80	1.91	2.06	2.11	5.71	6.17	6.62
29.00				24"	1.61	1.74	1.87	1.96	2.12	2.17	5.91	6.38	6.86
COPPER TUBING SIZES (O.D.)													
2.88					$.33	$.36	$.39	$.39	$.42	$.45	$.85	$.91	$.98
3.50		½"			.36	.39	.42	.43	.46	.49	1.06	1.14	1.22
4.00		⅝"-1⅛"			.37	.40	.43	.45	.48	.52	1.27	1.36	1.46
4.50	2⅛"-2⅝"	1⅜"-1⅝"			.39	.42	.45	.47	.50	.54	1.49	1.60	1.71
5.56	3⅛"-3⅝"	2⅛"-2⅝"			.40	.43	.46	.49	.52	.56	1.70	1.83	1.96
6.63	4⅛"	3⅛"-3⅝"			.42	.45	.48	.53	.57	.61	1.86	2.00	2.14
7.63	5⅛"	4⅛"			.44	.47	.51	.57	.61	.66	2.02	2.17	2.32
8.63	6⅛"	5⅛"			.47	.51	.55	.61	.65	.70	2.18	2.34	2.51
9.63		6⅛"			.49	.53	.57	.65	.70	.75	2.39	2.57	2.75

* Sizes below solid line are tri-seg. in Zones 1 & 2. Jacket is shipped separately and unapplied.

** Sizes below dotted line are tri-seg. in Zones 3 & 4. Jacket is shipped separately and unapplied.

010655

UNR 006819

Distributed by Eagle-Picher under
trade name SUPERGLAS ®

ONE-PIECE PIPE INSULATION

DIMENSIONAL DATA

Thicknesses do not conform to Simplified Dimensional Standards for Nesting.

NOM. PIPE SIZE	O.D. OF PIPE	IRON PIPE SIZES (IPS) ½" DIM.*	¾" DIM.*	1" DIM.*	1½" DIM.*	2" DIM.*	O.D. OF TUBE	NOM. TUBE SIZE	COPPER TUBING (CT) ½" DIM.*	¾" DIM.*	1" DIM.*	1½" DIM.*	2" DIM.*
⅜"	.675	**1.50** .50		**2.93** 1.12									
½"	.840	**2.38** .76	**2.38** .76	**2.88** 1.01	**4.00** 1.57	**5.00** 2.07	⅝"	½"	**1.75** .50		**2.88** 1.13	**4.00** 1.69	
¾"	1.050	**2.38** .66	**2.38** .66	**2.88** .91	**4.00** 1.47	**5.00** 1.97	¾"	⅝"	**1.88** .50		**2.88** 1.06	**4.00** 1.63	
1"	1.315	**2.38** .52	**2.88** .77	**3.50** 1.09	**4.50** 1.59	**5.56** 2.10	⅞"	¾"	**2.38** .76	**2.38** .76	**2.88** 1.01	**4.00** 1.57	**5.00** 2.07
1¼"	1.660	**2.88** .60	**3.50** .91	**3.50** .91	**5.00** 1.66	**5.56** 1.93	1⅛"	1"	**2.38** .62	**2.88** .87	**3.50** 1.18	**4.00** 1.43	**5.00** 1.93
1½"	1.900	**2.88** .48	**3.50** .79	**4.00** 1.04	**5.00** 1.54	**5.56** 1.82	1⅜"	1¼"	**2.38** .49	**2.88** .74	**3.50** 1.06	**4.50** 1.56	**5.56** 2.09
2"	2.375	**3.50** .55	**4.00** .80	**4.50** 1.05	**5.56** 1.58	**6.63** 2.11	1⅝"	1½"	**2.88** .60	**3.50** .91	**4.00** 1.16	**5.00** 1.66	**5.56** 1.94
2½"	2.875	**4.00** .55	**4.50** .80	**5.00** 1.05	**5.56** 1.33	**6.63** 1.86	2⅛"	2"	**3.50** .68	**4.00** .93	**4.50** 1.18	**5.56** 1.71	**6.63** 2.24
3"	3.500	**4.50** .48	**5.00** .73	**5.56** 1.01	**6.63** 1.55	**7.63** 2.05	2⅝"	2½"	**4.00** .68	**4.50** .93	**4.50** .93	**5.56** 1.46	**6.63** 1.99
3½"	4.000	**5.00** .48	**5.56** .76	**6.63** 1.29	**6.63** 1.29	**7.63** 1.81	3⅛"	3"	**4.50** .67	**5.00** .92	**5.56** 1.20	**6.63** 1.74	
4"	4.500	**5.56** .51	**6.63** 1.04	**6.63** 1.04	**7.63** 1.54	**8.63** 2.04	3⅝"	3½"	**5.00** .67	**5.00** .67	**5.56** .95	**6.63** 1.48	
4½"	5.000	**6.63** .79	**6.63** .79	**7.63** 1.29	**7.63** 1.29	**8.63** 1.79	4⅛"	4"	**5.56** .67	**5.56** .67	**6.63** 1.23	**7.63** 1.73	**8.63** 2.23
5"	5.562	**6.63** .50	**7.12** .75	**7.63** 1.00	**8.63** 1.50	**9.63** 2.00	5⅛"	5"	**6.63** .73	**6.63** .73	**7.63** 1.23	**8.63** 1.73	**9.63** 2.23
6"	6.625	**7.63** .47	**8.19** .75	**8.63** .97	**9.63** 1.47	**10.75** 2.03	6⅛"	6"	**7.63** .72	**7.63** .72	**8.63** 1.22	**9.63** 1.72	**10.75** 2.28
7"	7.625	**8.63** .46		**9.63** .96	**10.75** 1.53	**11.75** 2.03							
8"	8.625	**9.63** .46		**10.75** 1.02	**11.75** 1.52	**12.75** 2.02							
9"	9.625	**10.75** .52		**11.75** 1.02	**12.75** 1.52	**14.00** 2.14							
10"	10.750	**11.75** .45		**12.75** .95	**14.00** 1.57	**15.00** 2.07							
11"	11.750	**12.75** .44		**14.00** 1.07	**15.00** 1.57	**16.00** 2.07							
12"	12.750	**14.00** .56		**15.00** 1.07	**16.00** 1.56								
14"	14.000			**16.00** .92	**17.00** 1.42	**18.00** 1.92							
15"	15.000			**17.00** .92	**18.00** 1.42	**19.00** 1.92							
16"	16.000			**18.00** 92	**19.00** 1.42	**20.00** 1.92							
17"	17.000			**19.00** .92	**20.00** 1.42	**21.00** 1.92							
18"	18.000			**20.00** .92	**21.00** 1.42	**22.00** 1.92							
19"	19.000			**21.00** .92	**22.00** 1.42	**23.00** 1.92							
20"	20.000			**22.00** 92	**23.00** 1.42	**24.00** 1.92							
21"	21.000			**23.00** .92	**24.00** 1.42	**25.00** 1.92							
22"	22.000			**24.00** .92	**25.00** 1.42	**26.00** 1.92							
23"	23.000			**25.00** .92	**26.00** 1.42	**27.00** 1.92							
24"	24.000			**26.00** 92	**27.00** 1.42	**28.00** 1.92							
25"	25.000			**27.00** 92	**28.00** 1.42	**29.00** 1.92							
26"	26.000			**28.00** .92	**29.00** 1.42	**30.00** 1.92							
27"	27.000			**29.00** 92	**30.00** 1.42	**31.00** 1.92							
28"	28.000			**30.00** .92	**31.00** 1.42	**32.00** 1.92							
29"	29.000			**31.00** .92	**32.00** 1.42	**33.00** 1.92							
30"	30.000			**32.00** .92	**33.00** 1.42	**34.00** 1.92							
31"	31.000			**33.00** .92	**34.00** 1.42	**35.00** 1.92							
32"	32.000			**34.00** .92	**35.00** 1.42	**36.00** 1.92							
33"	33.000			**35.00** .92	**36.00** 1.42	**37.00** 1.92							

***Bold Type—Insulation O.D.**
Light Type—Insulation Thickness.

Waterproof Jackets (WPJ) and Asbestos Jackets are not available on ½" or ¾" thk. sizes. Minimum insulation diameters (O.D.) on which these are available factory applied are as follows:

35 WPJ.....3.00"
45 WPJ or 45 AFJ...4.50"
55 WPJ.....5.00"

On diameters below those indicated, the jacket is cut to size and included in the carton.

Insulation O.D. and thickness dimensions also apply to 6' lengths shown on Packaging Data Supplement.

UNR 006820

010656

HEAVY DENSITY SECTIONAL PIPE INSULATION

DIMENSIONAL DATA . . . MULTIPLE LAYER COMBINATIONS

PER ASTM: C521

0106557

NOM. PIPE SIZE	O. D. OF PIPE	IRON PIPE SIZES (IPS) — SINGLE LAYER ½" & ¾" DIM. *	SINGLE LAYER 1" DIM. *	SINGLE LAYER 1½" DIM. *	SINGLE LAYER 2" DIM. *	SINGLE LAYER 2½" DIM. *	MULTIPLE LAYER COMBINATIONS 2" DIM. *	2" COMB	2½" DIM. *	2½" COMB.	3" DIM. *	3" COMB.	3½" DIM. *	3½" COMB.	4" DIM. *	4" COMB.	4½" DIM. *	4½" COMB.	5" DIM. *	5" COMB.	6" DIM. *	6" COMB.	COPPER TUBING (CT) O. D. OF TUBE	NOM. TUBE SIZE	SINGLE LAYER ½" & ¾"	1" DIM. *	1½" COMB
¼"	.540	SIMPLIFIED DIMENSIONAL STANDARDS for Nesting.	2.916 1.18	3.500 1 500																					DOES NOT CONFORM TO SIMPLIFIED DIMENSIONAL STANDARDS			-
⅜"	.675		2.925 1.125																								
½"	.840		2 875 1 017	4 000 1.580	5.000 2.080		5.00 2.08	½ x 1 2½ x 1	5.56 2.36	½ x 1 2½ x 1½	6.63 2.89	½ x 1½ 3½ x 1½	7.63 3 39	½ x 2 4½ x 1½	8.63 3 89	½ x 2 4½ x 2	9.63 4.39	½ x 1 2½ x 1½ 5 x 2	10.75 4 95	½ x 1½ 3½ x 1½ 6 x 2	12.75 5.95	½ x 2 4½ x 2 8 x 2	½"	⅜"		2.88 1 19	3.50 1 50
¾"	1.050		2.875 .912	4.000 1.475	5.000 1 975		5.00 1 97	¾ x 1 2½ x 1	5.56 2.25	¾ x 1 2½ x 1½	6.63 2.79	¾ x 1½ 3½ x 1½	7.63 3.29	¾ x 2 4½ x 1½	8.63 3.79	¾ x 2 4½ x 2	10.75 4.85	¾ x 1½ 3½ x 1 6 x 2	10.75 4.85	¾ x 1½ 3½ x 1½ 6 x 2	12.75 5.85	¾ x 2 4½ x 2 8 x 2	⅝"	½"		2.88 1.13	4.00 1.69
1"	1.315		3 500 1 092	4.500 1 592	5.562 2 123		5.56 2.12	1 x 1 3 x 1	6 63 2 65	1 x 1 3 x 1½	7 63 3.15	1 x 1½ 4 x 1½	8.63 3.15	1 x 2 5 x 1½	9.63 4.15	1 x 2 5 x 2	10.75 4.72	1 x 1 3 x 1½ 6 x 2	11.75 5.22	1 x 1½ 4 x 1½ 7 x 2	14.00 6 34	1 x 2 5 x 2 9 x 2	¾"	⅝"		2.88 1.06	4.00 1.63
1¼"	1.660		3 500 .920	5 000 1.670	5 562 1.951		5.56 1.95	1¼ x 1 3 x 1	6 63 2.48	1¼ x 1 3 x 1½	7.63 2.98	1¼ x 1½ 4½ x 1½	8.63 2 98	1¼ x 2 5 x 1½	9 63 3.98	1¼ x 2 5 x 2	10.75 4.54	1¼ x 1 3 x 1½ 6 x 2	11.75 5.04	1¼ x 1½ 4½ x 1½ 7 x 2	14 00 6.17	1¼ x 2 5 x 2 9 x 2	⅞"	¾"		2.88 1.00	4 00 1 56
1½"	1.900		4 000 1 050	5.000 1 550	5.562 1 831		6.63 2.36	1½ x 1 3½ x 1	6.63 2 36	1½ x 1 3½ x 1½	7.63 2.86	1½ x 1½ 4½ x 1½	9.63 3 86	1½ x 2 5 x 1½	9.63 3.86	1½ x 2 5 x 2	10.75 4.42	1½ x 1 3½ x 1½ 6 x 2	11.75 4.92	1½ x 1½ 4½ x 1½ 7 x 2	14 00 6.05	1½ x 2 5 x 2 9 x 2	1⅛"	1"		2.88 .91	4.00 1.48
2"	2.375		4 500 1.062	5.562 1.593	6.625 2 125		6.63 2 12	2 x 1 4 x 1	7.63 2 62	2 x 1 4 x 1½	8 63 3.12	2 x 1½ 5 x 1½	9 63 3.62	2 x 2 6 x 1½	10.75 4.19	2 x 2 6 x 2	11.75 4.69	2 x 1 4 x 1½ 7 x 2	12.75 5.19	2 x 1½ 5 x 1½ 8 x 2	15.00 6.31	2 x 2 6 x 2 10 x 2	1⅜"	1¼"		3.50 1 06	4 50 1.56
2½"	2.875		5.000 1 062	5.562 1 343	6 625 1.875		7.63 2 37	2½ x 1 4½ x 1	7.63 2 37	2½ x 1 4½ x 1½	8 63 2.87	2½ x 1½ 5 x 1½	10 75 3.94	2½ x 2 6 x 1½	10.75 4 12	2½ x 2 6 x 2	11.75 4.44	2½ x 1 4½ x 1½ 7 x 2	12.75 4.94	2½ x 1½ 5 x 1½ 8 x 2	15.00 6.06	2½ x 2 6 x 2 10 x 2	1⅝"	1½"		3.50 .94	4.50 1.68
3"	3.500		5.562 1.031	6.625 1.562	7.625 2.062		7.63 2.06	3 x 1 5 x 1	8.63 2 56	3 x 1 5 x 1½	9.63 3.06	3 x 1½ 6 x 1½	10.75 3.62	3 x 2 7 x 1½	11.75 3.87	3 x 2 7 x 2	12.75 4.62	3 x 2 7 x 2½	14.00 5.25	3 x 1½ 6 x 1½ 9 x 2	16.00 6.25	3 x 2 7 x 2 11 x 2	2⅛"	2"		4.50 1 19	5.56 1 72
3½"	4.000		6 625 1 312	6.625 1.312	7.625 1.812		8.63 2 31	3½ x 1 6 x 1	9.63 2.81	3½ x 1 6 x 1½	9.63 2.81	3½ x 1½ 6 x 1½	11.75 3 87	3½ x 2 7 x 1½	11.75 4.12	3½ x 2 7 x 2	12.75 4.37	3½ x 2 7 x 2½	14 00 5.00	3½ x 1½ 6 x 1½ 9 x 2	16.00 6 00	3½ x 2 7 x 2 11 x 2	2⅝"	2½"		4 50 .94	5.56 1.47
4"	4.500		6 625 1.062	7.625 1.562	8.625 2 062		8 63 2.06	4 x 1 6 x 1	9 63 2.56	4 x 1 6 x 1½	10 75 3.12	4 x 1½ 7 x 1½	10.75 3.62	4 x 2 8 x 1½	12.75 3.87	4 x 2 8 x 2	14.00 4.75	4 x 2 8 x 2½	15.00 5.25	4 x 1½ 7 x 1½ 10 x 2	17.00 6 25	4 x 2 8 x 2 12 x 2	3⅛"	3"		5.56 1.28	6.63 1.75
4½"	5.000		7.625 1 310	7.625 1.312	8.625 1 812		9 60 2.30	4½ x 1 7 x 1	10 75 2 87	4½ x 1 7 x 1½	10.75 2 87	4½ x 1½ 7 x 1½	11.75 3.37	4½ x 1½ 7 x 2	12.75 4.22	4½ x 2 8 x 2	14.00 4.50	4½ x 2 8 x 2½	15.00 5.00	4½ x 1½ 7 x 1½ 10 x 2	17.00 6 00	4½ x 2 8 x 2 12 x 2	3⅝"	3½"		5 56 .97	6.63 1 50
5"	5.562		7.625 1.031	8.625 1.531	9.625 2.031		9.60 2.01	5 x 1 7 x 1	10 75 2.59	5 x 1 7 x 1½	11.75 3.09	5 x 1½ 8 x 1½	12 75 3.59	5 x 1½ 8 x 2	14.00 4.19	5 x 2 9 x 2	15.00 4.72	5 x 2 9 x 2½	16.00 5.22	5 x 1½ 8 x 1½ 11 x 2	18.00 6 22	5 x 2 9 x 2 14 x 2	4⅛"	4"		6.63 1.25	7 63 1 75
6"	6.625		8.625 1.000	9.625 1.500	10.75 2.062		10 75 2.06	6 x 1 8 x 1	11.75 2 56	6 x 1 8 x 1½	12.75 3.06	6 x 1½ 9 x 1½	14.00 3.59	6 x 1½ 9 x 2	15.00 4.19	6 x 2 10 x 2	16.00 4 69	6 x 2 10 x 2½	17.00 5.19	6 x 1½ 9 x 1½ 12 x 2	19.00 6.19	6 x 2 10 x 2 15 x 2	5⅛"	5"		7.63 1.25	8.63 1.75
7"	7.625		9.625 1 000	10.75 1 562	11.75 2 062	12.75 2 562	11 75 2.05	7 x 1 9 x 1	12.75 2.55	7 x 1 9 x 1½	14.00 3.19	7 x 1½ 10 x 1½	15.00 3.69	7 x 1½ 10 x 2	16.00 4.19	7 x 2 11 x 2	17.00 4.69	7 x 2 11 x 2½	18.00 5.19	7 x 2½ 12 x 2½	20 00 6.19	7 x 2 11 x 2 16 x 2	6⅛"	6"		8.63 1 250	9.63 1 750
8"	8.625		10.75 1.060	11.75 1.562	12.75 2 062	14 00 2 687	12.75 2.00	8 x 1 10 x 1	14.00 2.62	8 x 1 10 x 1½	15.00 3.19	8 x 1½ 11 x 1½	16.00 3.19	8 x 1½ 11 x 2	17.00 4.19	8 x 2 12 x 2	18.00 4.69	8 x 2 12 x 2½	19.00 5.19	8 x 2½ 14 x 2½	21.00 6.19	8 x 2 12 x 2 17 x 2					
9"	9.625		11.75 1.062	12.75 1.562	14.00 2.187	15.00 2.687	14.00 2.18	9 x 1 11 x 1	15.00 2.69	9 x 1 11 x 1½	16.00 3.19	9 x 1½ 12 x 1½	17.00 3.69	9 x 1½ 12 x 2	18.00 4.13	9 x 2 14 x 2	19 00 4.69	9 x 2 14 x 2½	20.00 5.19	9 x 2½ 15 x 2½	22.00 6.19	9 x 2 14 x 2 16 x 2					
10"	10.750		12.75 1.000	14.00 1.625	15.00 2.125	16.00 2.625	15.00 2.12	10 x 1 12 x 1	16.00 2.62	10 x 1 12 x 1½	17.00 3.13	10 x 1½ 14 x 1½	18.00 3.69	10 x 1½ 14 x 2	19.00 4.13	10 x 2 15 x 2	20.00 4.63	10 x 2 15 x 2½	21.00 5.13	10 x 2½ 16 x 2½	23.00 6.13	10 x 2 15 x 2 19 x 2					

◆ Insulation for Tubing Sizes of ¼" (⅜" O.D.), and ⅞" (1" O.D.) are available only as cutdowns from next larger size and will be slightly elliptical in shape.

UNR 006821

		½" & ¾" THICKNESSES DO NOT CONFORM TO	1"	1½"	2"	2½"	2"		2½"		3"		3½"		4"		4½"		5"		6"	
11"	11.750		**14.00**	**15.00**	**16.00**	**17.00**	**16.00**	11 x 1	**17.00**	11 x 1	**18.00**	11 x 1½	**19.00**	11 x 1½	**20.00**	11 x 2	**21.00**	11 x 2	**22.00**	11 x 2½	**24.00**	11 x 2 16 x 2
			1.125	1.675	2.125	2.625	2.12	14 x 1	2.62	14 x 1½	3.13	15 x 1½	3.63	15 x 2	4.13	16 x 2	4.63	16 x 2½	5.13	17 x 2½	6.13	20 x 2
12"	12.750		**15.00**	**16.00**	**17.00**	**18.00**	**17.00**	12 x 1	**18.00**	12 x 1	**19.00**	12 x 1½	**20.00**	12 x 1½	**21.00**	12 x 2	**22.00**	12 x 2	**23.00**	12 x 2½	**25.00**	12 x 2 17 x 2
			1.125	1.625	2.125	2.625	2.12	15 x 1	2.62	15 x 1½	3.13	16 x 1½	3.63	16 x 2	4.13	17 x 2	4.63	17 x 2½	51.3	18 x 2½	6.13	21 x 2
14"	14.000		**16.00**	**17.00**	**18.00**	**19.00**	**18.00**	14 x 1	**19.00**	14 x 1	**20.00**	14 x 1½	**21.00**	14 x 1½	**22.00**	14 x 2	**23.00**	14 x 2	**24.00**	14 x 2½	**26.00**	14 x 2 18 x 2
			1.000	1.500	2.000	2.500	2.00	16 x 1	2.50	16 x 1½	3.00	17 x 1½	3.50	17 x 2	4.00	18 x 2	4.50	18 x 2½	5.00	19 x 2½	6.00	22 x 2
15"	15.000		**17.00**	**18.00**	**19.00**	**20.00**	**19.00**	15 x 1	**20.00**	15 x 1	**21.00**	15 x 1½	**22.00**	15 x 1½	**23.00**	15 x 2	**24.00**	15 x 2	**25.00**	15 x 2½	**27.00**	15 x 2 19 x 2
			1.000	1.500	2.000	2.500	2.00	17 x 1	2.50	17 x 1½	3.00	18 x 1½	3.50	18 x 2	4.00	19 x 2	4.50	19 x 2½	5.00	20 x 2½	6.00	23 x 2
16"	16.000		**18.00**	**19.00**	**20.00**	**21.00**	**20.00**	16 x 1	**21.00**	16 x 1	**22.00**	16 x 1½	**23.00**	16 x 1½	**24.00**	16 x 2	**25.00**	16 x 2	**26.00**	16 x 2½	**28.00**	16 x 2 20 x 2
			1.000	1.500	2.000	2.500	2.00	18 x 1	2.50	18 x 1½	3.00	19 x 1½	3.50	19 x 2	4.00	20 x 2	4.50	20 x 2½	5.00	21 x 2½	6.00	24 x 2
17"	17.000		**19.00**	**20.00**	**21.00**	**22.00**	**21.00**	17 x 1	**22.00**	17 x 1	**23.00**	17 x 1½	**24.00**	17 x 1½	**25.00**	17 x 2	**26.00**	17 x 2	**27.00**	17 x 2½	**29.00**	17 x 2 21 x 2
			1.000	1.500	2.000	2.500	2.00	19 x 1	2.50	19 x 1½	3.00	20 x 1½	3.50	20 x 2	4.00	21 x 2	4.50	21 x 2½	5.00	22 x 2½	6.00	25 x 2
18"	18.000		**20.00**	**21.00**	**22.00**	**23.00**	**22.00**	18 x 1	**23.00**	18 x 1	**24.00**	18 x 1½	**25.00**	18 x 1½	**26.00**	18 x 2	**27.00**	18 x 2	**28.00**	18 x 2½	**30.00**	18 x 2 22 x 2
			1.000	1.500	2.000	2.500	2.00	20 x 1	2.50	20 x 1½	3.00	21 x 1½	3.50	21 x 2	4.00	22 x 2	4.50	22 x 2½	5.00	23 x 2½	6.00	26 x 2
19"	19.000		**21.00**	**22.00**	**23.00**	**24.00**	**23.00**	19 x 1	**24.00**	19 x 1	**25.00**	19 x 1½	**26.00**	19 x 1½	**27.00**	19 x 2	**28.00**	19 x 2	**29.00**	19 x 2½	**31.00**	19 x 2 23 x 2
			1.000	1.500	2.000	2.500	2.00	21 x 1	2.50	21 x 1½	3.00	22 x 1½	3.50	22 x 2	4.00	23 x 2	4.50	23 x 2½	5.00	24 x 2½	6.00	27 x 2
20"	20.000		**22.00**	**23.00**	**24.00**	**25.00**	**24.00**	20 x 1	**25.00**	20 x 1	**26.00**	20 x 1½	**27.00**	20 x 1½	**28.00**	20 x 2	**29.00**	20 x 2	**30.00**	20 x 2½	**32.00**	20 x 2 24 x 2
			1.000	1.500	2.000	2.500	2.00	22 x 1	2.50	22 x 1½	3.00	23 x 1½	3.50	23 x 2	4.00	24 x 2	4.50	24 x 2½	5.00	25 x 2½	6.00	28 x 2
21"	21.000		**23.00**	**24.00**	**25.00**	**26.00**	**25.00**	21 x 1	**26.00**	21 x 1	**27.00**	21 x 1½	**28.00**	21 x 1½	**29.00**	21 x 2	**30.00**	21 x 2	**31.00**	21 x 2½	**33.00**	21 x 2 25 x 2
			1.000	1.500	2.000	2.500	2.00	23 x 1	2.50	23 x 1½	3.00	24 x 1½	3.50	24 x 2	4.00	25 x 2	4.50	25 x 2½	5.00	26 x 2½	6.00	29 x 2
22"	22.000		**24.00**	**25.00**	**26.00**	**27.00**	**26.00**	22 x 1	**27.00**	22 x 1	**28.00**	22 x 1½	**29.00**	22 x 1½	**30.00**	22 x 2	**31.00**	22 x 2	**32.00**	22 x 2½	**34.00**	22 x 2 26 x 2
			1.000	1.500	2.000	2.500	2.00	24 x 1	2.50	24 x 1½	3.00	25 x 1½	3.50	25 x 2	4.00	26 x 2	4.50	26 x 2½	5.00	27 x 2½	6.00	30 x 2
23"	23.000		**25.00**	**26.00**	**27.00**	**28.00**			**28.00**	23 x 1	**29.00**	23 x 1½	**30.00**	23 x 1½	**31.00**	23 x 2	**32.00**	23 x 2	**33.00**	23 x 2½	**35.00**	23 x 2 27 x 2
			1.000	1.500	2.000	2.500			2.50	25 x 1½	3.00	26 x 1½	3.50	26 x 2	4.00	27 x 2	4.50	27 x 2½	5.00	28 x 2½	6.00	31 x 2
24"	24.000		**26.00**	**27.00**	**28.00**	**29.00**			**29.00**	24 x 1	**30.00**	24 x 1½	**31.00**	24 x 1½	**32.00**	24 x 2	**33.00**	24 x 2	**34.00**	24 x 2½	**36.00**	24 x 2 28 x 2
			1.000	1.500	2.000	2.500			2.50	26 x 1½	3.00	27 x 1½	3.50	27 x 2	4.00	28 x 2	4.50	28 x 2½	5.00	29 x 2½	6.00	32 x 2
25"	25.000			**28.00**	**29.00**	**30.00**					**31.00**	25 x 1½	**32.00**	25 x 1½	**33.00**	25 x 2	**34.00**	25 x 2	**35.00**	25 x 2½	**37.00**	25 x 2 29 x 2
				1.500	2.000	2.500					3.00	28 x 1½	3.50	28 x 2	4.00	29 x 2	4.50	29 x 2½	5.00	30 x 2½	6.00	33 x 2
26"	26.000			**29.00**	**30.00**	**31.00**					**32.00**	26 x 1½	**33.00**	26 x 1½	**34.00**	26 x 2	**35.00**	26 x 2	**36.00**	26 x 2½		
				1.500	2.000	2.500					3.00	29 x 1½	3.50	29 x 2	4.00	30 x 2	4.50	30 x 2½	5.00	31 x 2½		
27"	27.000			**30.00**	**31.00**	**32.00**					**33.00**	27 x 1½	**34.00**	27 x 1½	**35.00**	27 x 2	**36.00**	27 x 2	**37.00**	27 x 2½		
				1.500	2.000	2.500					3.00	30 x 1½	3.50	30 x 2	4.00	31 x 2	4.50	31 x 2½	5.00	32 x 2½		
28"	28.000			**31.00**	**32.00**	**33.00**					**34.00**	28 x 1½	**35.00**	28 x 1½	**36.00**	28 x 2	**37.00**	28 x 2	**38.00**	28 x 2½		
				1.500	2.000	2.500					3.00	31 x 1½	3.50	31 x 2	4.00	32 x 2	4.50	32 x 2½	5.00	33 x 2½		
29"	29.000			**32.00**	**33.00**	**34.00**					**35.00**	29 x 1½	**36.00**	29 x 1½	**37.00**	29 x 2	**38.00**	29 x 2				
				1.500	2.000	2.500					3.00	32 x 1½	3.50	32 x 2	4.00	33 x 2	4.50	33 x 2½				
30"	30.000			**33.00**	**34.00**	**35.00**					**36.00**	30 x 1½	**37.00**	30 x 1½								
				1.500	2.000	2.500					3.00	33 x 1½	3.50	33 x 2								
31"	31.000			**34.00**	**35.00**	**36.00**																
				1.500	2.000	2.500																
32"	32.000			**35.00**	**36.00**	**37.00**																
				1.500	2.000	2.500																
33"	33.000			**36.00**	**37.00**	**38.00**																
				1.500	2.000	2.500																

***Bold Type—O.D.**

Light Type—Thickness

NOTE:

MULTIPLE LAYER ON COPPER TUBING. Multiple layer insulation on copper tubing is available but each layer must be ordered and priced separately. Choose Iron Pipe size which is equal to outside diameter of copper tubing insulation. Order entry should be per following example: 1⅝" x 3" composed of 1⅝" O.D x 1½" (CT) and 4" x 1½" (IPS).

MULTIPLE LAYER (IPS). Multiple-Layer combinations specified above are supplied nested in the same carton when ordered as multiple layer thickness, i.e. 10" x 4" M. L. Should other combinations be desired, order insulation by individual layers.

WATERPROOF JACKETS (WPJ) and Asbestos Jackets are not available on ½" or ¾" thk. sizes. Minimum insulation diameters (O.D.) on which these are available *factory applied* are as follows:

35 WPJ.....3.00"
45 WPJ or 45 AFJ..4.50"
55 WPJ.....5.00"

On diameters below those indicated, the jacket is cut to size and included in the carton.

Distributed by Eagle-Picher under trade name SUPERGLAS ®

UNR 006822

Distributed by Eagle-Picher Under Trade Name Superglas®

04058

Price Sheet Change Notice

Date 5/22/67
Supersedes 12/15/66

Distributed by Eagle-Picher under
trade name SUPERGLAS ®

FIBERGLAS PIPE INSULATION

Packaging Data

LINEAL FEET PER CARTON
LOAD FACTORS

Zones 1,2,3, & 4

UNR 006823

010659

HEAVY DENSITY SECTIONAL PIPE INSULATION

010660

PACKAGING DATA . . . LOAD FACTORS

IRON PIPE SIZES (IPS)

Nom. Pipe Size	O.D. of Pipe	SINGLE LAYER THICKNESSES																MULTIPLE LAYER THICKNESSES																					
		½"			¾"			1"			1½"			2"			2½"			2"			2½"			3"			3½"			4"			4½"			5"			6"		
		LF /C	LOAD FACTOR CL	LOAD FACTOR TL	LF /C	LOAD FACTOR CL	LOAD FACTOR TL	LF /C	LOAD FACTOR CL	LOAD FACTOR TL	LF /C	LOAD FACTOR CL	LOAD FACTOR TL	LF /C	LOAD FACTOR CL	LOAD FACTOR TL	LF /C	LOAD FACTOR CL	LOAD FACTOR TL	LF /C	LOAD FACTOR CL	LOAD FACTOR TL	LF /C	LOAD FACTOR CL	LOAD FACTOR TL	LF /C	LOAD FACTOR CL	LOAD FACTOR TL	LF /C	LOAD FACTOR CL	LOAD FACTOR TL	LF /C	LOAD FACTOR CL	LOAD FACTOR TL	LF /C	LOAD FACTOR CL	LOAD FACTOR TL	LF /C	LOAD FACTOR CL	LOAD FACTOR TL	LF /C	LOAD FACTOR CL	LOAD FACTOR TL
¼"	.54	297	.23	.36	189	.23	.36	105	.23	.36	72	.23	.36	36	.23	.36																											
⅜"	.675	264	.23	.36	189	.23	.36	105	.23	.36	72	.34	.46	36	.23	.36																											
½"	.84	231	.23	.36	210	.34	.46	144	.34	.46	72	.34	.46	36	.23	.36				36	.23	.36	36	.34	.46	18	.23	.36	12	.20	.31	12	.29	.44	12	.34	.46	12	.46	.93	6	.34	.46
¾"	1.05	189	.23	.36	180	.34	.46	144	.34	.46	72	.34	.46	36	.23	.36				36	.23	.36	36	.34	.46	18	.23	.36	12	.20	.31	12	.29	.44	12	.46	.93	12	.46	.93	6	.34	.46
1"	1.32	144	.23	.36	144	.34	.46	90	.34	.46	60	.34	.46	36	.34	.46				36	.34	.46	18	.23	.36	12	.20	.31	12	.29	.44	12	.34	.46	12	.46	.93	6	.34	.46	3	.20	.31
1¼"	1.66	105	.23	.36	105	.34	.46	90	.34	.46	48	.34	.46	36	.34	.46				36	.34	.46	18	.23	.36	12	.20	.31	12	.29	.44	12	.34	.46	12	.46	.93	6	.34	.46	3	.20	.31
1½"	1.90	105	.23	.36	72	.23	.36	72	.34	.46	48	.34	.46	36	.34	.46				18	.23	.36	18	.23	.36	12	.20	.31	12	.29	.44	12	.34	.46	12	.46	.93	6	.34	.46	3	.20	.31
2"	2.38	105	.34	.46	60	.23	.36	60	.34	.46	48	.46	.93	27	.34	.46				18	.23	.36	12	.20	.31	12	.29	.44	12	.46	.93	12	.34	.46	12	.46	.93	6	.34	.46	3	.20	.31
2½"	2.88	72	.34	.46	60	.34	.46	48	.34	.46	48	.46	.93	27	.34	.46				12	.20	.31	12	.20	.31	12	.29	.44	12	.46	.93	12	.34	.46	12	.46	.93	6	.34	.46	3	.20	.31
3"	3.50	60	.34	.46	36	.23	.36	48	.46	.93	27	.46	.93	27	.46	.93				12	.20	.31	12	.29	.44	12	.34	.46	12	.46	.93	12	.46	.93	6	.34	.46	3	.20	.31	3	.20	.31
3½"	4.00	36	.23	.36	27	.23	.36	27	.34	.46	27	.46	.93	27	.46	.93				12	.29	.44	12	.34	.46	12	.34	.46	12	.46	.93	12	.46	.93	6	.34	.46	3	.20	.31	3	.20	.31
4"	4.50	48	.46	.93	33	.34	.46	27	.34	.46	27	.46	.93	15	.34	.46				15	.34	.46	12	.34	.46	12	.46	.93	12	.46	.93	6	.34	.46	3	.20	.31	3	.20	.31	3	.29	.44
4½"	5.00	27	.34	.46	18	.23	.36	27	.46	.93	27	.46	.93	15	.34	.46				15	.34	.46	12	.46	.93	12	.46	.93	6	.34	.46	6	.34	.46	3	.20	.31	3	.20	.31	3	.29	.44
5"	5.56	27	.34	.46	18	.23	.36	27	.46	.93	15	.34	.46	12	.34	.46	12	.46	.93	12	.34	.46	12	.46	.93	12	.46	.93	6	.34	.46	3	.20	.31	3	.20	.31	3	.20	.31	3	.29	.44
6"	6.63	27	.46	.93	18	.34	.46	15	.34	.46	12	.34	.46	12	.46	.93	12	.46	.93	12	.46	.93	12	.46	.93	6	.34	.46	3	.20	.31	3	.20	.31	3	.20	.31	3	.29	.44	3	.29	.44
7"	7.63	15	.34	.46				12	.34	.46	12	.46	.93	12	.46	.93	6	.34	.46	12	.46	.93	3	.20	.31	3	.20	.31	3	.20	.31	3	.20	.31	3	.29	.44	3	.29	.44	3	.29	.44
8"	8.63	12	.34	.46				12	.46	.93	12	.46	.93	6	.34	.46	3	.20	.31	6	.34	.46	3	.20	.31	3	.20	.31	3	.20	.31	3	.29	.44	3	.29	.44	3	.29	.44	3	.46	.93
9"	9.63	12	.46	.93				12	.46	.93	6	.34	.46	3	.20	.31	3	.20	.31	3	.20	.31	3	.20	.31	3	.20	.31	3	.29	.44	3	.29	.44	3	.29	.44	3	.29	.44	3	.46	.93
10"	10.75	12	.46	.93				6	.34	.46	3	.20	.31	3	.20	.31	3	.20	.31	3	.20	.31	3	.20	.31	3	.29	.44	3	.29	.44	3	.29	.44	3	.29	.44	3	.29	.44	3	.46	.93
11"	11.75	6	.34	.46				3	.20	.31	3	.20	.31	3	.20	.31	3	.29	.44	3	.20	.31	3	.29	.44	3	.29	.44	3	.29	.44	3	.34	.46	3	.29	.44	3	.46	.93	3	.46	.93
12"	12.75	3	.20	.31	3	.20	.31	3	.20	.31	3	.20	.31	3	.29	.44	3	.29	.44	3	.29	.44	3	.29	.44	3	.29	.44	3	.29	.44	3	.34	.46	3	.46	.93	3	.46	.93	3	.46	.93
14"	14.00							9	.23	.36	6	.23	.36	6	.34	.46	6	.46	.93	6	.34	.46	3	.23	.36	3	.29	.44	3	.46	.93	3	.46	.93	3	.46	.93						
		SANTA CLARA						3	.20	.31	3	.29	.44	3	.29	.44	3	.29	.44																								
15"	15.00							9	.23	.36	6	.23	.36	6	.34	.46	6	.46	.93	6	.34	.46	6	.46	.93	3	.46	.93	3	.46	.93	3	.46	.93	3	.46	.93						
		SANTA CLARA						3	.29	.44	3	.29	.44	3	.29	.44																										
16"	16.00							9	.23	.36	6	.23	.36	6	.34	.46	6	.46	.93	6	.34	.46	3	.34	.46	3	.46	.93	3	.46	.93	3	.46	.93	3	.46	.93						
		SANTA CLARA						3	.29	.44	3	.29	.44																												

Distributed by Engineered Products
UNR 005824

IRON PIPE SIZES (IPS)

Nom. Pipe Size	O.D. of Pipe	SINGLE LAYER THICKNESSES																MULTIPLE LAYER THICKNESSES																	
		½"			¾"			1"			1½"			2"			2½"			2"			2½"			3"			3½"			4"			4½"		
		LF /C	LOAD FACTOR CL	LOAD FACTOR TL	LF /C	LOAD FACTOR CL	LOAD FACTOR TL	LF /C	LOAD FACTOR CL	LOAD FACTOR TL	LF /C	LOAD FACTOR CL	LOAD FACTOR TL	LF /C	LOAD FACTOR CL	LOAD FACTOR TL	LF /C	LOAD FACTOR CL	LOAD FACTOR TL	LF /C	LOAD FACTOR CL	LOAD FACTOR TL	LF /C	LOAD FACTOR CL	LOAD FACTOR TL	LF /C	LOAD FACTOR CL	LOAD FACTOR TL	LF /C	LOAD FACTOR CL	LOAD FACTOR TL	LF /C	LOAD FACTOR CL	LOAD FACTOR TL	LF /C	LOAD FACTOR CL	LOAD FACTOR TL
17"	17.00							9	.34	.46	6	.23	.36	6	.34	.46	6	.46	.93	6	.34	.46	3	.34	.46	3	.46	.93	3	.46	.93	3	.46	.93	3	.46	.93
18"	18.00							9	.34	.46	6	.34	.46	6	.34	.46	6	.46	.93	6	.34	.46	3	.34	.46	3	.46	.93	3	.46	.93	3	.46	.93	3	.46	.93
19"	19.00							9	.34	.46	6	.34	.46	6	.46	.93	3	.34	.46	6	.34	.46	3	.34	.46	3	.46	.93	3	.46	.93	3	.46	.93	3	.46	.93
20"	20.00							9	.34	.46	6	.34	.46	6	.46	.93	3	.34	.46	6	.46	.93	3	.34	.46	3	.46	.93	3	.46	.93	3	.46	.93	3	.46	.93
21"	21.00							6	.29	.44	6	.34	.46	6	.46	.93	3	.46	.93	6	.34	.46	3	.34	.46	3	.46	.93	3	.46	.93	3	.46	.93	3	.46	.93
22"	22.00							6	.29	.44	6	.34	.46	6	.46	.93	3	.46	.93	6	.46	.93	3	.34	.46	3	.46	.93	3	.46	.93	3	.46	.93	3	.46	.93
23"	23.00							6	.29	.44	6	.46	.93	6	.46	.93	3	.46	.93				3	.34	.46	3	.46	.93	3	.46	.93	3	.46	.93	3	.46	.93
24"	24.00							6	.29	.44	6	.46	.93	6	.46	.93	3	.46	.93				3	.46	.93	3	.46	.93	3	.46	.93	3	.46	.93	3	.46	.93
25"	25.00										3	.34	.46	3	.46	.93	3	.46	.93				3	.46	.93	3	.46	.93	3	.46	.93	3	.46	.93	3	.46	.93
26"	26.00										3	.34	.46	3	.46	.93	3	.46	.93							3	.46	.93	3	.46	.93	3	.46	.93	3	.46	.93
27"	27.00										3	.34	.46	3	.46	.93	3	.46	.93							3	.46	.93	3	.46	.93	3	.46	.93	3	.46	.93
28"	28.00										3	.34	.46	3	.46	.93	3	.46	.93							3	.46	.93	3	.46	.93	3	.46	.93	3	.46	.93
29"	29.00										3	.20	.31	3	.20	.31	3	.46	.93							3	.46	.93	3	.46	.93	3	.46	.93			
30"	30.00										3	.20	.31	3	.20	.31	3	.46	.93							3	.46	.93	3	.46	.93						
31"	31.00										3	.20	.31	3	.20	.31	3	.46	.93																	
32"	32.00										3	.20	.31	3	.20	.31	3	.46	.93																	
33"	33.00										3	.20	.31	3	.20	.31	3	.46	.93																	

UNR 006825
SANTA CLARA

COPPER TUBING (CT)

O.D. of Tube	Nom. Tube Size	½" Thk. LF /C	½" Thk. LOAD FACTOR CL	½" Thk. LOAD FACTOR TL	¾" Thk. LF /C	¾" Thk. LOAD FACTOR CL	¾" Thk. LOAD FACTOR TL	1" Thk. LF /C	1" Thk. LOAD FACTOR CL	1" Thk. LOAD FACTOR TL	1½" Thk. LF /C	1½" Thk. LOAD FACTOR CL	1½" Thk. LOAD FACTOR TL
½"	⅜"	297	.23	.36	189	.23	.36	105	.23	.36	72	.23	.36
⅝"	½"	288	.23	.36	189	.23	.36	105	.23	.36	72	.34	.46
¾"	⅝"	264	.23	.36	189	.23	.36	105	.23	.36	72	.34	.46
⅞"	¾"	210	.23	.36	210	.34	.46	105	.23	.36	72	.34	.46
1⅛"	1"	189	.23	.36	162	.34	.46	105	.23	.36	72	.34	.46
1⅜"	1¼"	210	.34	.46	120	.29	.44	72	.23	.36	60	.34	.46
1⅝"	1½"	105	.23	.36	84	.23	.36	72	.23	.36	48	.34	.46
2⅛"	2"	90	.23	.36	72	.23	.36	60	.34	.46	48	.46	.93
2⅝"	2½"	72	.29	.44	60	.29	.44	60	.34	.46	48	.46	.93
3⅛"	3"	60	.34	.46	48	.34	.46	48	.46	.93	27	.34	.46
3⅝"	3½"	57	.34	.46	57	.46	.93	48	.46	.93	27	.34	.46
4⅛"	4"	36	.23	.36	48	.46	.93	27	.34	.46	27	.46	.93
5⅛"	5"	27	.34	.46	27	.34	.46	27	.46	.93	15	.34	.46
6⅛"	6"	27	.46	.93	27	.46	.93	15	.34	.46	12	.34	.46

SANTA CLARA 66

LF/C indicates Lineal Ft./Ctn.

LOAD FACTORS indicate the % of CL or TL of 1 Carton of each item.

To convert into % of CL or TL for item ordered, multiply factor times number of cartons of the item, or refer to vehicle-loading calculator. (Nomograph)

ODD-COUNT CARTON LINEAL FEET PER CARTON

IPS	½" Thk.	¾" Thk.	1" Thk.
¼"	72	NA	51
⅜"	60	36	51
½"	45	72	51
¾"	36	66	51
1"	72	54	S
1¼"	51	42	S
1½"	51	S	S

NA—Indicates Not Available.

S—Standard Packaging is 72 L.F. or less per carton.

CT	½" Thk.	¾" Thk.	1" Thk.
½" O.D.	72	36	51
⅝" O.D.	60	36	51
¾" O.D.	60	36	51
⅞" O.D.	45	72	51
1⅛" O.D.	36	66	51
1⅜" O.D.	72	54	S
1⅝" O.D.	51	42	S
2⅛" O.D.	45	S	S

010661

ONE-PIECE PIPE INSULATION

PACKAGING DATA . . . LOAD FACTORS

(except for Water Proof Jackets)

IRON PIPE SIZES (IPS)

Nom. Pipe Size	O. D. of Pipe	3' LENGTHS ½" LF/C	½" LOAD FACTOR CL	½" TL	¾" LF/C	¾" CL	¾" TL	1" LF/C	1" CL	1" TL	1½" LF/C	1½" CL	1½" TL	2" LF/C	2" CL	2" TL
⅜"	.675	264	.25	.38	189	.23	.36	105	.23	.36	72	.34	.46	-	-	-
½"	.840	216	.34	.46	216	.34	.46	138	.34	.46	72	.34	.46	48	.34	.46
¾"	1.050	216	.34	.46	216	.34	.46	138	.34	.46	72	.34	.46	48	.34	.46
1"	1.315	216	.34	.46	138	.34	.46	90	.34	.46	60	.34	.46	36	.34	.46
1¼"	1.660	138	.34	.46	90	.34	.46	90	.34	.46	48	.34	.46	36	.34	.46
1½"	1.900	138	.34	.46	90	.34	.46	72	.34	.46	48	.34	.46	36	.34	.46
2"	2.375	90	.34	.46	72	.34	.46	60	.34	.46	36	.34	.46	27	.34	.46
2½"	2.875	72	.34	.46	60	.34	.46	48	.34	.46	36	.34	.46	27	.34	.46
3"	3.500	60	.34	.46	48	.34	.46	36	.34	.46	27	.34	.46	18	.34	.46
3½"	4.000	48	.34	.46	36	.34	.46	27	.34	.46	27	.34	.46	18	.34	.46
4"	4.500	36	.34	.46	27	.34	.46	27	.34	.46	18	.34	.46	15	.34	.46
4½"	5.000	27	.34	.46	27	.34	.46	18	.34	.46	18	.34	.46	15	.34	.46
5"	5.562	27	.34	.46	21	.34	.46	18	.34	.46	15	.34	.46	12	.34	.46
6"	6.625	18	.34	.46	18	.34	.46	15	.34	.46	12	.34	.46	6	.34	.46
7"	7.625	15	.34	.46				12	.34	.46	12	.34	.46	6	.34	.46
8"	8.625	12	.34	.46				12	.34	.46	6	.34	.46	6	.34	.46
9"	9.625	12	.34	.46				6	.34	.46	6	.34	.46	6	.34	.46
10"	10.750	6	.34	.46				6	.34	.46	6	.34	.46	6	.34	.46
11"	11.750	6	.34	.46				6	.34	.46	6	.34	.46	3	.34	.46
12"	12.750	6	.34	.46				6	.34	.46	3	.34	.46	6	.46	.93
14"	14.000							9	.46	.93	9	.46	.93	6	.46	.93
15"	15.000							9	.46	.93	9	.46	.93	6	.46	.93
16"	16.000							9	.46	.93	6	.46	.93	6	.46	.93
17"	17.000							9	.46	.93	6	.46	.93	6	.46	.93
18"	18.000							6	.46	.93	6	.46	.93	6	.46	.93
19"	19.000							6	.46	.93	6	.46	.93	3	.46	.93
20"	20.000							6	.46	.93	3	.46	.93	3	.46	.93
21"	21.000							6	.46	.93	3	.46	.93	3	.92	2.03
22"	22.000							6	.46	.93	9	.92	2.03	9	.92	2.03
23"	23.000							6	.46	.93	9	.92	2.03	9	.92	2.03
24"	24.000							6	.46	.93	9	.92	2.03	6	.92	2.03
25"	25.000							9	.92	2.03	6	.92	2.03	6	.92	2.03
26"	26.000							9	.92	2.03	6	.92	2.03	6	.92	2.03
27"	27.000							9	.92	2.03	6	.92	2.03	6	.92	2.03
28"	28.000							9	.92	2.03	6	.92	2.03	6	.92	2.03
29"	29.000							9	.92	2.03	6	.92	2.03	6	.92	2.03
30"	30.000							9	.92	2.03	6	.92	2.03	3	.92	2.03
31"	31.000							6	.92	2.03	6	.92	2.03	3	.92	2.03
32"	32.000							6	.92	2.03	3	.92	2.03	3	.92	2.03
33"	33.000							6	.92	2.03	3	.92	2.03	3	.92	2.03
6 LENGTHS																
3"	3.50										24			24		
4"	4.50										24			24		
4½"	5.00							24			24			24		
5"	5.56				36			24			24			24		
6"	6.62	24			24			24			24			12		
7"	7.62	24						24			12			12		
8"	8.62	24						12			12			12		
9"	9.62	12						12			12			12		
10"	10.75	12						12			12			12		
11"	11.75	12						12			12			6		
12"	12.75	12						12			6					

COPPER TUBING (CT)

O. D. of Tube	Nom. Tube Size	3' LENGTHS ½" LF/C	½" LOAD FACTOR CL	½" TL	¾" LF/C	¾" CL	¾" TL	1" LF/C	1" CL	1" TL	1½" LF/C	1½" CL	1½" TL
⅝"	½"	288	.23	.36	189	.23	.36	105	.23	.36	72	.34	.46
¾"	⅝"	264	.23	.36	189	.23	.36	105	.23	.36	72	.34	.46
⅞"	¾"	216	.34	.46	216	.34	.46	138	.34	.46	72	.34	.46
1⅛"	1"	216	.34	.46	138	.34	.46	90	.34	.46	72	.34	.46
1⅜"	1¼"	216	.34	.46	138	.34	.46	90	.34	.46	60	.34	.46
1⅝"	1½"	138	.34	.46	90	.34	.46	72	.34	.46	48	.34	.46
2⅛"	2"	90	.34	.46	72	.34	.46	60	.34	.46	36	.34	.46
2⅝"	2½"	72	.34	.46	60	.34	.46	60	.34	.46	36	.34	.46
3⅛"	3"	60	.34	.46	48	.34	.46	36	.34	.46	27	.34	.46
3⅝"	3½"	48	.34	.46	48	.34	.46	36	.34	.46	27	.34	.46
4⅛"	4"	36	.34	.46	36	.34	.46	27	.34	.46	18	.34	.46
5⅛"	5"	27	.34	.46	27	.34	.46	18	.34	.46	15	.34	.46
6⅛"	6"	18	.34	.46	18	.34	.46	15	.34	.46	12	.34	.46
6' LENGTHS													
4⅛"	4				-			-			24		
5⅛"	5				-			24			24		
6⅛"	6	24			24			24			24		

ODD-COUNT PACKAGING DATA

Lineal Feet Per Carton

IPS	½" Thk.	¾" Thk.	1" Thk.
¼"	NA	NA	NA
⅜"	60	36	51
½"	72	72	51
¾"	72	72	51
1"	72	51	S
1¼"	51	60	60
1½"	51	60	S
2"	60	S	S
CT			
½" O.D.	NA	NA	NA
⅝" O.D.	60	72	51
¾" O.D.	45	60	51
⅞" O.D.	72	72	51
1⅛" O.D.	72	51	60
1⅜" O.D.	72	51	60
1⅝" O.D.	51	60	S
2⅛" O.D.	60	S	S

NA—Indicates Not Available.
S—Standard Packaging is 72 L.F. or less per carton.

LF/C indicates Lineal Ft./Ctn.

UNR 006825

LOAD FACTORS indicate the % of CL or TL of 1 Carton of each item.

To convert into % of CL or TL for item ordered, multiply factor times number of cartons of the item, or refer to vehicle-loading calculator. (Nomograph)

010662

OC-03-6754-R1

OWENS-CORNING FIBERGLAS

VEHICLE - LOADING CALCULATOR

Distributed by Eagle-Picher under trade name SUPERGLAS ®

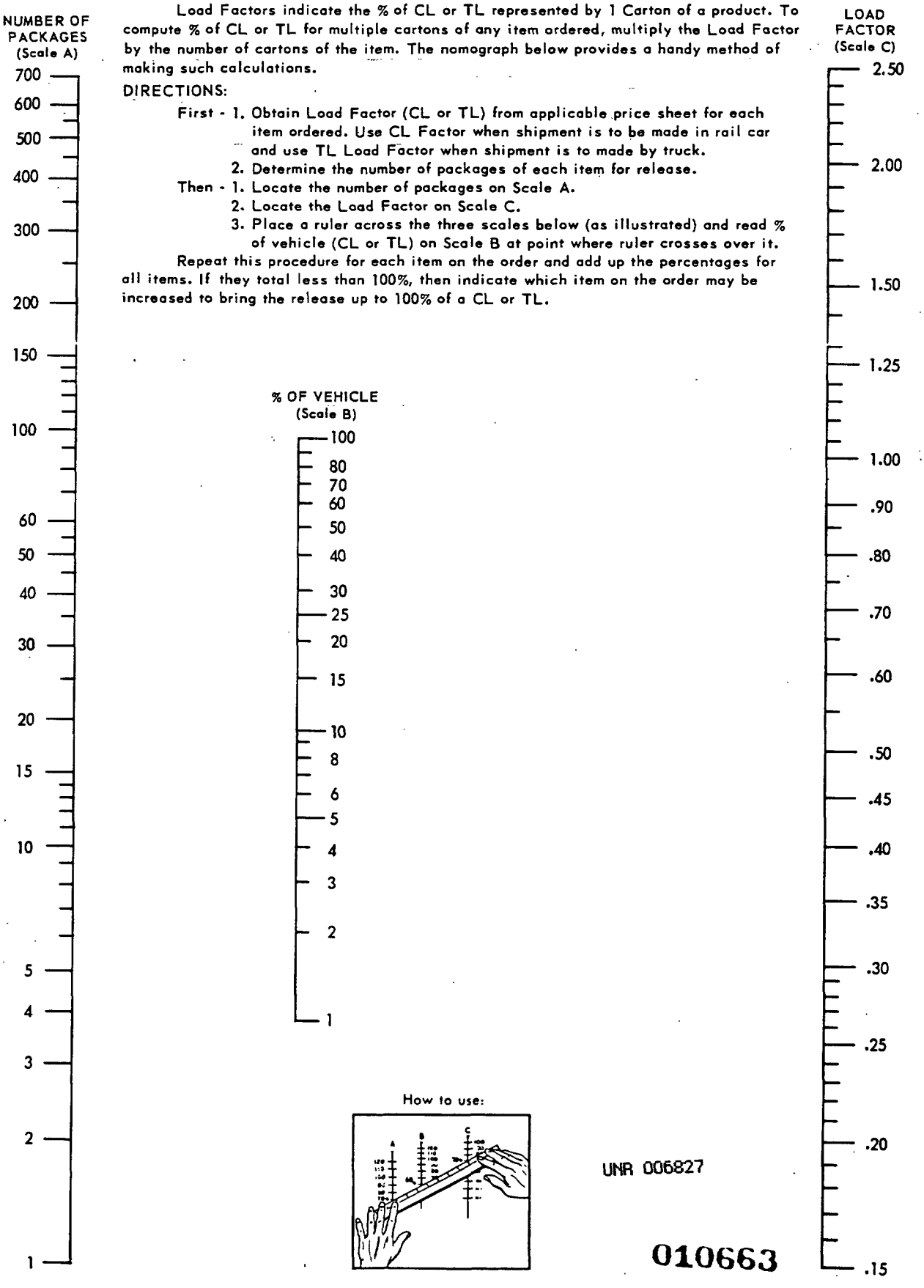
Load Factors indicate the % of CL or TL represented by 1 Carton of a product. To compute % of CL or TL for multiple cartons of any item ordered, multiply the Load Factor by the number of cartons of the item. The nomograph below provides a handy method of making such calculations.

DIRECTIONS:

First - 1. Obtain Load Factor (CL or TL) from applicable price sheet for each item ordered. Use CL Factor when shipment is to be made in rail car and use TL Load Factor when shipment is to made by truck.
2. Determine the number of packages of each item for release.

Then - 1. Locate the number of packages on Scale A.
2. Locate the Load Factor on Scale C.
3. Place a ruler across the three scales below (as illustrated) and read % of vehicle (CL or TL) on Scale B at point where ruler crosses over it.

Repeat this procedure for each item on the order and add up the percentages for all items. If they total less than 100%, then indicate which item on the order may be increased to bring the release up to 100% of a CL or TL.



How to use:

UNR 006827

010663

"Distributed By Eagle-Picher Under Trade Name Superglas®"

Discounts

OWENS-CORNING FIBERGLAS

FIBERGLAS PIPE INSULATION

Discount to Industrial & Marine Distributor-Contractors

ZONES 1 & 2 MKT: IN1, MA1, MA3 - Div. 61

No. IN1.D1
Page 1 of 1
Date July 15, 1967
Effective Oct. 15, 1967
Supersedes 4/1/67

General Terms and Conditions of Sale apply to these products and are set forth on GL1.1; for Export Sales, see EX1.1. DISCOUNTS given herein apply only to prices given in Price Sheet IN1.P1.

DEFINITION OF TRADE CLASSIFICATION

DISTRIBUTOR-CONTRACTOR - Concerns, enfranchised by Owens-Corning Fiberglas Corporation, whose primary function is to buy, stock, sell, and promote industrial insulations, or who are equipped to apply, estimate, engineer, and write specifications for the application of industrial insulations.

DISCOUNTS FOR PIPE AND TUBE INSULATION

JACKETS	1/2" Thick			3/4" Thick			1" Thick & Greater		
	CL #	TL #	LCL	CL #	TL #	LCL	CL #	TL #	LCL
No Wrap	46	41	36	34	28	22	10	4	+1
Canvas									
Standard	46	41	36	34	28	22	10	4	+1
4 Ounce	44	38	32	32	25	18	8	1	+5
6 Ounce	39	33	27	27	20	13	3	+4	+10
8 Ounce	37	31	25	25	18	11	1	+6	+12
Vapor Barrier									
WFRJ *	36	30	24	24	17	10	+1	+8	+13
Universal Fire Retardant Jacket (UFR)	42	36	30	30	23	16	Not Available		
Canvas Over Vapor Barrier									
6 Oz. over FRJ	19	12	4	7	+1	+10	+18	+26	+34
8 Oz. over FRJ	17	10	1	5	+3	+13	+20	+28	+37
6 Oz. over UFR	24	17	10	12	4	+4	Not Available		
8 Oz. over UFR	23	15	8	10	2	+6			
Waterproof Jackets									
35 WPJ	Not Available			Not Available			+5	+12	+19
45 WPJ							+8	+15	+22
55 WPJ							+10	+17	+25
Asbestos Jackets									
45 AFJ	Not Available			Not Available			+10	+17	+25
Pre-Sized Glass Cloth Jacket including Joint Sealing Strip. Available on Heavy Density Sectional ONLY.	28	22	16	16	9	2	+8	+15	+21

* Self-Sealing Lap is available on FRJ in single or double wraps if specified on the order. For Self-Sealing Lap add the following to the Net price for WFRJ:

Sizes up to and including 3" IPS and 3-1/8" C.T. O.D. - add $.04/LF.
Sizes 3-1/2" IPS and 3-5/8" C.T. O.D. and over - add $.06/LF.

See IN1.P1, Pages 4 and 6 (Heavy Density Sectional) or Page 7 (One-Piece) for details.

UNLESS OTHERWISE SPECIFIED ON THE ORDER, ALL PRODUCTS WILL BE SHIPPED WITHOUT BANDS.
BAND CHARGES: +2 Points of Discount

CL or TL prices apply to Full Carloads or Full Truckloads respectively, or to Full Mixed-Carloads or Full Mixed-Truckloads in accordance with the Industrial Mix Program. Orders must indicate one item to be increased or decreased to fill the car or truck.

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OWENS-CORNING FIBERGLAS

Price Sheet Change Bulletin

OWENS-CORNING FIBERGLAS

KAYLO & KAYLO-20 PIPE INSULATIONS
List Prices Per Lineal Foot
(Berlin Production Only)

No. 22
Date June 28, 1967
Affecting IN1.P4
(5/1/67)

Following Sizes and List Prices are added to Page 4 of IN1.P4 dated 5/1/67:

List Prices Per Lineal Foot

Nom. Pipe Size	O.D. of Pipe	Form	SINGLE LAYER					MULTIPLE LAYER				
			1"	1-1/2"	2"	2-1/2"	3"	3-1/2"	4"	4-1/2"	5"	6"
34"	34.00	K-SEG	-	$4.55	$6.25	$7.80	$9.50	$11.40	$13.10	$14.85	$16.80	-
35"	35.00		-	4.80	6.55	8.20	9.95	-	-	-	-	-
36"	36.00		-	4.80	6.55	8.20	9.95	-	-	-	-	-
37"	37.00		-	5.05	6.85	8.60	10.45	-	-	-	-	-
38"	38.00		-	5.05	6.85	8.60	10.45	-	-	-	-	-
39"	39.00		-	5.30	7.15	9.00	10.95	-	-	-	-	-

For Discounts, refer to Discount Sheets IN1.D4 or IN1.D4-P.

On Page 7 of IN1.P4 dated 5/1/67, note titled "MULTIPLE LAYER (IPS)" should read:

"Multiple-Layer combinations up to 29" O.D. specified in table are supplied nested in the same carton when ordered as multiple layer thickness, i.e. 10" x 4" M.L. Larger sizes or other combinations must be ordered as individual layers and noted as inner (IL) or outer (OL) layer."

"Distributed by Eagle-Picher under trade name Hylo®."

OWENS-CORNING FIBERGLAS

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UNR 006829

Distributed By Eagle-Picher under trade name HYLO ®

OWENS-CORNING FIBERGLAS

No. IN1.P4
Page 1 of 8
Date 5/1/67
Supersedes:
IN1.P4 (10/31/61)
IN1.P4-Suppl. #1 (3/24/61)
IN1.P4-PCD (1/31/63)
IN1.P4-Suppl. #1-PCD (3/10/61)
IN1.P4-Suppl. #2-PCD (2/5/65)
IN1.P9 (5/1/64)
IN1.P9-PCD (7/14/64)

KAYLO & KAYLO-20 PIPE INSULATION

LIST PRICES
Zones 1, 2, 3 & 4

INDEX

	Page No.
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Jackets, Bands, Releases & Shipping Quantities	2-3
PRICES	4-5
KAYLO-KLAD	8
DIMENSIONAL DATA	6-7
PACKAGING DATA	Supplement
LOAD FACTORS	Supplement
ODD COUNT CARTONS	Supplement

DOMESTIC SALES

SHIPPING TERMS: F.O.B. shipping point, freight allowed on seller's routing; additional transportation charges are extra.

PAYMENT TERMS: 1%, 10th Prox., in dollar amount shown on invoice; Net 30th Prox.

EXPORT SALES

Terms and Conditions of Sale, including Shipping and Payment Terms, are set forth on EX1.1.

General Terms and Conditions of Sale apply to these products and are set forth on GL1.1.

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UNR 006830

OWENS-CORNING FIBERGLAS

KAYLO & KAYLO-20 PIPE INSULATION

GENERAL INFORMATION

Kaylo Pipe and Tube Insulation is a white, rigid hydrous calcium silicate material designed for use as insulation on pipe and tube operating up to 1200° F.

Kaylo-20 Pipe and Tube Insulation is pink, and is designed for use as insulation on pipe and tubing operating up to 1800° F.

Kaylo is available sectional up to 24" IPS. It is also available as TRI, QUAD and Segmental in sizes larger than 12" IPS. All insulation is furnished in 3' lengths, follows Simplified Dimensional Standards and may be "nested". Accessories: Lap Adhesive, wire, cements, etc. are not furnished.

JACKETS

Jackets are factory applied except where noted. Jackets on segmental insulation are precut and shipped *unapplied.* Canvas jackets are furnished 38½" wide to provide an overlap at the butt joint between sections.

All Waterproof jackets are furnished *with* Joint-Seal strips of the same material; one per 3' length. The following type jackets are available:

CANVAS JACKETS in "Standard", 4 Ounce, 6 Ounce and 8 Ounce weights.

WATERPROOF JACKETS: 45 WPJ (45 lb. felt) and 55 WPJ (55 lb. felt). On pipe sizes smaller than 4.50" O.D., the jacket is included in the carton cut to size and unapplied.

VAPOR BARRIER JACKET:

WHITE DUAL-TEMPERATURE JACKET (WDT): a 3-ply laminate consisting of aluminum foil between two layers of creped kraft paper.

ASBESTOS JACKET: 45 AFJ (45 lb. asbestos felt jacket) — a weather-resistant jacket composed of asphalt saturated asbestos felt weighing 45 lbs. per 108 sq. ft. On pipe sizes smaller than 4.50" O.D., the jacket is included in the carton cut to size and unapplied.

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UNR 006831

KAYLO & KAYLO-20 PIPE INSULATION

GENERAL INFORMATION

METAL JACKETS:

Two types of metal jackets are available:
No. 16 Kaylo-Klad (.016" Smooth or Embossed Aluminum)
No. 10 Steel Kaylo-Klad (.010" Stainless Steel, Smooth Only)

Aluminum Jackets are of 3003 alloy and have an integral moisture barrier lining. Stainless steel is available for those areas where extreme corrosive atmospheres or fire hazards are encountered. Joint Seal Strips are provided on No. 16 Kaylo-Klad and No. 10 Steel Kaylo-Klad.

STANDARD ITEMS:

All sizes listed in the price table are standard—refer to cycle sheet for delivery information.

Stock Items: IPS sizes shown in the table of list prices up to and including 39" x 3" and copper tubing 1" and 1½" thick up to and including 3" nominal tube size are stocked in the following jackets only:

No Wrap
Standard Canvas

Non-stocked items: All intermediate sizes not shown in the price table, and all sizes with jackets other than stock items listed above.

Non-stocked items are not subject to return under Section 14 of General Terms and Conditions of Sale.

BANDS: All jackets are shipped *without* bands unless order specifies "with bands". Bands are furnished at extra cost: 2½ bands per section.

ODD COUNT PACKAGING: When order specifies "Job-Site shipment, ship exact", smaller cartons containing no more than 54 L.F. (see pkg. suppl.) of 1" and 1½" wall thickness, will be shipped to job or warehouse, if requested on the order, when insulation is jacketed with No Wrap or Std. Canvas. Other jackets and greater thicknesses will be shipped in the exact quantity ordered when shipped to job site. Pricing is determined by quantity shipped.

MINIMUM RELEASE QUANTITY: One Carton of any one item. UNR 006832

CARLOAD AND TRUCKLOAD QUANTITY: List value shown on discount sheet or Full Visible Carload or Truckload whichever is less (Refer to load factors on Packaging Data Sheets).

Mixed carloads and truckloads in accordance with the Industrial Mixed-shipment procedures, will take the carload or truckload price.

ON RELEASE OF ONE FULL CARLOAD OR TRUCKLOAD, TO INSURE CL OR TL PRICING, CUSTOMER MUST SPECIFY ONE ITEM TO BE INCREASED OR DECREASED TO FILL VEHICLE TO CAPACITY.

Releases in excess of one full carload or truckload do not require a variable item and the excess will be shipped OCF routing and will be invoiced at the same level as the full vehicle.

FOR DISCOUNTS SEE DISCOUNT SHEETS IN1.D4 OR IN1.D4-P

010668

CAS: IN-G10
IN-G20
IN-G75

KAYLO & KAYLO-20 PIPE INSULATION

LIST PRICES PER LINEAL FOOT* . . . IRON PIPE SIZES

(Forms shown are for Berlin Production Only)

NOMINAL PIPE SIZE	O.D. OF PIPE	FORM	IRON PIPE SIZES (IPS)									
			SINGLE LAYER					MULTIPLE LAYER **				
			1"	1½"	2"	2½"	3"	3½"	4"	4½"	5"	6"
½"	.84	SECTIONAL	$ .22	$ .46	$ .75	$1.00	$1.20	$1.55	$1.95	$2.40	$2.90	$4.05
¾"	1.05		.24	.49	.80	1.05	1.35	1.75	2.15	2.55	3.10	4.20
1"	1.32		.27	.52	.85	1.10	1.40	1.80	2.20	2.60	3.15	4.25
1¼"	1.66		.30	.56	.90	1.15	1.45	1.95	2.35	2.80	3.45	4.45
1½"	1.90		.33	.60	.95	1.20	1.55	2.00	2.40	2.90	3.50	4.65
2"	2.38		.36	.64	1.00	1.25	1.65	2.10	2.45	3.00	3.60	4.75
2½"	2.88		.40	.70	1.05	1.35	1.75	2.25	2.70	3.25	3.90	5.10
3"	3.50		.45	.76	1.15	1.50	1.90	2.35	2.85	3.40	4.00	5.25
3½"	4.00		.50	.82	1.25	1.65	2.05	2.60	3.15	3.70	4.35	5.65
4"	4.50		.60	.88	1.35	1.80	2.20	2.70	3.30	3.80	4.45	5.75
4½"	5.00		.65	.94	1.45	1.95	2.35	2.95	3.50	4.10	4.80	6.20
5"	5.56		.70	1.00	1.55	2.10	2.50	3.00	3.55	4.15	4.85	6.25
6"	6.63		.80	1.10	1.70	2.25	2.70	3.30	3.90	4.50	5.30	6.70
7"	7.63			1.20	1.85	2.40	2.90	3.60	4.25	4.85	5.75	7.35
8"	8.63			1.35	2.00	2.55	3.15	3.85	4.55	5.25	6.10	7.85
9"	9.63			1.50	2.20	2.80	3.40	4.20	4.90	5.60	6.65	8.35
10"	10.75			1.65	2.40	3.05	3.65	4.65	5.40	6.15	7.10	9.00
11"	11.75			1.75	2.55	3.20	3.90	4.90	5.70	6.50	7.50	9.50
12"	12.75			1.85	2.70	3.40	4.10	5.15	6.00	6.85	7.90	9.90
14"	14.00	TRI – SEG.		2.10	3.00	3.80	4.60	5.55	6.50	7.45	8.55	10.60
15"	15.00			2.25	3.15	4.00	4.85	5.85	6.85	7.85	8.95	11.10
16"	16.00			2.35	3.30	4.20	5.10	6.15	7.15	8.15	9.30	11.60
17"	17.00			2.50	3.45	4.40	5.35	6.45	7.50	8.50	9.70	12.05
18"	18.00			2.60	3.60	4.60	5.60	6.70	7.80	8.85	10.10	12.50
19"	19.00			2.75	3.80	4.80	5.80	7.00	8.10	9.25	10.55	13.00
20"	20.00			2.85	4.00	5.00	6.00	7.25	8.45	9.55	10.85	13.50
21"	21.00			3.00	4.15	5.20	6.25	7.50	8.75	9.90	11.25	13.90
22"	22.00			3.10	4.30	5.40	6.50	7.85	9.05	10.25	11.65	14.45
23"	23.00			3.20	4.40	5.60	6.75	8.05	9.35	10.70	12.05	15.00
24"	24.00	QUAD.		3.30	4.50	5.75	7.00	8.25	9.65	11.00	12.45	15.30
25"	25.00	K–SEG.		3.45	4.70	6.00	7.20	8.60	10.05	11.50	12.95	15.90
26"	26.00			3.55	4.85	6.20	7.50	8.85	10.35	11.80	13.25	16.40
27"	27.00			3.65	5.05	6.40	7.70	9.15	10.60	12.05	13.65	16.65
28"	28.00			3.75	5.15	6.65	7.95	9.45	11.05	12.45	14.05	17.15
29"	29.00			3.90	5.35	6.80	8.20	9.80	11.40	12.95	14.40	17.55
30"	30.00			4.00	5.50	6.95	8.40	10.00	11.65	13.20	14.70	17.95
31"	31.00			4.15	5.70	7.20	8.75	10.25	11.85	13.45	15.10	18.50
32"	32.00			4.30	5.90	7.40	9.10	10.50	12.10	13.85	15.45	19.00
33"	33.00			4.40	6.05	7.60	9.20	10.70	12.45	13.95	15.75	19.25

* For discounts see Discount Sheet IN1.D4 or IN1.D4-P

SHADED AREA indicates sizes available in sectional form when specifically requested on the order. Unless otherwise specified these sizes will be supplied in Tri or Quad form.

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KAYLO & KAYLO-20 PIPE INSULATION

LIST PRICES PER LINEAL FOOT* . . . COPPER TUBING

COPPER TUBING (CT)			
O. D. OF TUBE	NOM. TUBE SIZE	SINGLE LAYER	
		1"	1½"
½"	3/8"	$.22	$.46
5/8"	½"	.22	.46
¾"	5/8"	.24	.49
7/8"	¾"	.24	.49
1-1/8"	1"	.27	.52
1-3/8"	1-1/4"	.30	.56
1-5/8"	1½"	.30	.56
2-1/8"	2"	.36	.64
2-5/8"	2½"	.40	.70
3-1/8"	3"	.45	.76

* For discounts see Discount Sheet IN1.D4 or IN1.D4-P.

INTERMEDIATE SIZES . . .

Intermediate sizes between the sizes listed in the price tables are available. Orders for intermediate sizes must show exact OD of pipe to be insulated. List price of intermediate sizes will be the list price of the next larger Nom. pipe size shown in the price table.

** FOR MULTIPLE LAYER . . .

For multiple layer nested combinations offered at the list price see pages 6 & 7. For other combinations of multiple layer thicknesses, add the single layer unit prices.

UNR 006834

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KAYLO & KAYLO-20 PIPE INSULATION

DIMENSIONAL DATA . . . MULTIPLE LAYER COMBINATIONS

NOM. PIPE SIZE	O.D. OF PIPE	IRON PIPE SIZES (IPS) — SINGLE LAYER 1" DIM.*	1½" DIM.*	2" DIM.*	2½" DIM.*	3" DIM.*	MULTIPLE LAYER COMBINATIONS 2" DIM.*	2" COMB.	2½" DIM.*	2½" COMB.	3" DIM.*	3" COMB.	3½" DIM.*	3½" COMB.	4" DIM.*	4" COMB.	4½" DIM.*	4½" COMB.	5" DIM.*	5" COMB.	6" DIM.*	6" COMB.	COPPER TUBING (CT) O.D. OF TUBE	NOM. TUBE SIZE	SINGLE LAYER 1" DIM.*	SINGLE LAYER 1½" COMB.
½"	.84	2.88 1.00	4.00 1.56	5.00 2.06	6.66 2.89	7.66 3.39	5.00 2.06	½ x 1 2½ x 1	6.66 2.89	½ x 1 2½ x 1½	7.66 3.39	½ x ½ 3½ x 1½	8.66 3.86	½ x 1½ 3½ x 2	9.66 4.36	½ x 2 4½ x 2	10.78 4.92	½ x 2 4½ x 2½	11.78 5.41	½ x 2½ 6 x 2½	14.06 6.55	½ x 3 7 x 3	½"	3/8"	2.88 1.18	3.50 1.49
¾"	1.05	2.88 .90	4.00 1.46	5.00 1.96	6.66 2.79	7.66 3.29	5.00 1.96	¾ x 1 2½ x 1	6.66 2.79	¾ x 1 2½ x 1½	7.66 3.29	¾ x 1½ 3½ x 1½	8.66 3.76	¾ x 1½ 3½ x 2	9.66 4.26	¾ x 2 4½ x 2	10.78 4.82	¾ x 2 4½ x 2½	11.78 5.31	¾ x 2½ 6 x 2½	14.06 6.45	¾ x 3 7 x 3	5/8"	½"	2.88 1.11	3.50 1.42
1"	1.32	3.50 1.08	4.50 1.58	5.56 2.11	6.66 2.66	7.66 3.16	5.56 2.11	1 x 1 3 x 1	6.66 2.66	1 x 1 3 x 1½	7.66 3.16	1 x 1½ 4 x 1½	8.66 3.63	1 x 1½ 4 x 2	9.66 4.13	1 x 2 5 x 2	10.78 4.69	1 x 2 5 x 2½	11.78 5.18	1 x 2½ 6 x 2½	14.06 6.32	1 x 3 7 x 3	¼"	5/8"	2.88 1.05	4.00 1.61
1¼"	1.66	3.50 .90	5.00 1.66	5.56 1.94	6.66 2.48	7.66 2.98	5.56 1.94	1¼ x 1 3 x 1	6.66 2.48	1¼ x 1 3 x 1½	7.66 2.98	1¼ x 1½ 4½ x 1½	9.66 3.96	1¼ s 1½ 4½ x 2	9.66 3.96	1¼ x 2 5 x 2	10.78 4.52	1¼ x 2 5 x 2½	11.78 5.00	1¼ x 2½ 6 x 2½	14.06 6.14	1¼ x 3 7 x 3	7/8"	¾"	2.88 .99	4.00 1.55
1½"	1.90	4.00 1.03	5.00 1.53	6.66 2.36	7.66 2.86	8.66 3.36	6.66 2.36	1½ x 1 3½ x 1	7.66 2.86	1½ x 1 3½ x 1½	8.66 3.36	1½ x 1½ 4½ x 1½	9.66 3.83	1½ x 1½ 4½ x 2	10.78 4.38	1½ x 2 6 x 2	11.78 4.88	1½ x 2 6 x 2½	12.81 5.39	1½ x 2½ 7 x 2½	15.06 6.52	1½ x 3 8 x 3	1-1/8"	1"	3.50 1.17	4.00 1.42
2"	2.38	4.50 1.04	5.56 1.57	6.66 2.12	7.66 2.62	8.66 3.12	6.66 2.12	2 x 1 4 x 1	7.66 2.62	2 x 1 4 x 1½	8.66 3.12	2 x 1½ 5 x 1½	9.66 3.59	2 x 1½ 5 x 2	10.78 4.14	2 x 2 6 x 2	11.78 4.64	2 x 2 6 x 2½	12.81 5.40	2 x 2½ 7 x 2½	15.06 6.28	2 x 3 8 x 3	1-3/8"	1¼"	3.50 1.05	4.50 1.55
2½"	2.88	5.00 1.04	6.66 1.87	7.66 2.37	8.66 2.87	9.66 3.37	7.66 2.37	2½ x 1 4½ x 1	8.66 2.87	2½ x 1 4½ x 1½	9.66 3.37	2½ x 1½ 5 x 1½	10.78 3.89	2½ x 1½ 6 x 2	11.78 4.39	2½ x 2 7 x 2	12.81 4.90	2½ x 2 7 x 2½	14.06 5.53	2½ x 2½ 8 x 2½	16.09 6.54	2½ x 3 9 x 3	1-5/8"	1½"	4.00 1.17	4.50 1.42
3"	3.50	5.56 1.00	6.66 1.55	7.66 2.05	8.66 2.55	9.66 3.05	7.66 2.05	3 x 1 5 x 1	8.66 2.55	3 x 1 5 x 1½	9.66 3.05	3 x 1½ 6 x 1½	10.78 3.57	3 x 1½ 6 x 2	11.78 4.07	3 x 2 7 x 2	12.81 4.58	3 x 2 7 x 2½	14.06 5.21	3 x 2½ 8 x 2½	16.09 6.22	3 x 3 9 x 3	2-1/8"	2"	4.00 .91	5.00 1.41
3½"	4.00	6.66 1.30	7.66 1.80	8.66 2.30	9.66 2.80	10.78 3.36	8.66 2.30	3½ x 1 6 x 1	9.66 2.80	3½ x 1 6 x 1½	10.78 3.36	3½ x 1½ 7 x 1½	11.78 3.82	3½ x 1½ 7 x 2	12.81 4.33	3½ x 2 8 x 2	14.06 4.96	3½ x 2 8 x 2½	15.06 5.46	3½ x 2½ 9 x 2½	17.00 6.42	3½ x 3 10 x 3	2-5/8"	2½"	4.50 .91	5.56 1.45
4"	4.50	6.66 1.05	7.66 1.55	8.66 2.05	9.66 2.55	10.78 3.11			9.66 2.55	4 x 1 6 x 1½	10.78 3.11	4 x 1½ 7 x 1½	11.78 3.57	4 x 1½ 7 x 2	12.81 4.08	4 x 2 8 x 2	14.06 4.71	4 x 2 8 x 2½	15.06 5.21	4 x 2½ 9 x 2½	17.00 6.17	4 x 3 10 x 3	3-1/8"	3"	5.00 .91	6.66 1.73
4½"	5.00	7.66 1.30	8.66 1.80	9.66 2.30	10.78 2.86	11.78 3.36			10.78 2.86	4½ x 1 7 x 1½	11.78 3.36	4½ x 1 7 x 1½	12.81 3.83	4½ x 1½ 8 x 2	14.06 4.46	4½ x 2 9 x 2	15.06 4.96	4½ x 2 9 x 2½	16.09 5.47	4½ x 2½ 10 x 2½	18.00 6.41	4½ x 3 11 x 3				
5"	5.56	7.66 1.02	8.66 1.52	9.66 2.02	10.78 2.58	11.78 3.08			10.78 2.58	5 x 1 7 x 1½	11.78 3.08	5 x 1 7 x 1½	12.81 3.55	5 x 1½ 8 x 2	14.06 4.18	5 x 2 9 x 2	15.06 4.96	5 x 2 9 x 2½	16.09 5.19	5 x 2½ 10 x 2½	18.00 6.13	5 x 3 11 x 3				
6"	6.63	8.66 .95	9.66 1.45	10.78 2.02	11.78 2.52	12.81 3.03			11.78 2.52	6 x 1 8 x 1½	12.81 3.03	6 x 1½ 9 x 1½	14.06 3.61	6 x 1½ 9 x 2	15.06 4.11	6 x 2 10 x 2	16.09 4.63	6 x 2 10 x 2½	17.00 5.07	6 x 2½ 11 x 2½	19.00 6.08	6 x 3 12 x 3				
7"	7.63		10.78 1.52	11.78 2.02	12.81 2.53	14.06 3.16					14.06 3.16	7 x 1½ 10 x 1½	15.06 3.61	7 x 1½ 10 x 2	16.09 4.11	7 x 2 11 x 2	17.00 4.57	7 x 2 11 x 2½	18.00 5.08	7 x 2½ 12 x 2½	20.00 6.08	7 x 3 14 x 3				
8"	8.63		11.78 1.52	12.81 2.03	14.06 2.66	15.06 3.16					15.06 3.16	8 x 1½ 11 x 1½	16.09 3.61	8 x 1½ 11 x 2	17.00 4.08	8 x 2 12 x 2	18.00 4.58	8 x 2 12 x 2½	19.00 5.08	8 x 2½ 14 x 2½	21.00 6.08	8 x 3 15 x 3				
9"	9.63		12.81 1.53	14.06 2.16	15.06 2.66	16.09 3.17					16.09 3.17	9 x 1½ 12 x 1½	17.00 3.58	9 x 1½ 12 x 2	18.00 4.08	9 x 2 14 x 2	19.00 4.58	9 x 2 14 x 2½	20.00 5.07	9 x 2½ 15 x 2½	22.00 6.08	9 x 3 16 x 3				
10"	10.75		14.06 1.59	15.06 2.09	16.09 2.61	17.00 3.06					17.00 3.06	10 x 1½ 14 x 1½	18.00 3.51	10 x 1½ 14 x 2	19.00 4.01	10 x 2 15 x 2	20.00 4.50	10 x 2 15 x 2½	21.00 5.02	10 x 2½ 16 x 2½	23.00 6.00	10 x 3 17 x 3				

UNR 006835

PACKAGING DATA

		1"	1½"	2"	2½"	3"	2"		2½"		3"		3½"		4"		4½"		5"		6"	
11"	11.75		**15.06** 1.58	**16.09** 2.09	**17.00** 2.55	**18.00** 3.05					**18.00** 3.00	11 x 1½ 15 x 1½	**19.00** 3.50	11 x 1½ 15 x 2	**20.00** 4.00	11 x 2 16 x 2	**21.00** 4.50	11 x 2 16 x 2½	**22.00** 4.96	11 x 2½ 17 x 2½	**24.00** 5.96	11 x 3 18 x 3
12"	12.75		**16.09** 1.59	**17.00** 2.05	**18.00** 2.55	**19.00** 3.05					**19.00** 3.00	12 x 1½ 16 x 1½	**20.00** 3.50	12 x 1½ 16 x 2	**21.00** 4.04	12 x 2 17 x 2	**22.00** 4.45	12 x 2 17 x 2½	**23.00** 4.96	12 x 2½ 18 x 2½	**25.00** 5.96	12 x 3 19 x 3
14"	14.00		**17.00** 1.42	**18.00** 1.92	**19.00** 2.42	**20.00** 2.92					**20.00** 2.83	14 x 1½ 17 x 1½	**21.00** 3.33	14 x 1½ 17 x 2	**22.00** 3.83	14 x 2 18 x 2	**23.00** 4.33	14 x 2 18 x 2½	**24.00** 4.83	14 x 2½ 19 x 2½	**26.00** 5.83	14 x 3 20 x 3
15"	15.00		**18.00** 1.42	**19.00** 1.92	**20.00** 2.41	**21.00** 2.92					**21.00** 2.83	15 x 1½ 18 x 1½	**22.00** 3.33	15 x 1½ 18 x 2	**23.00** 3.83	15 x 2 19 x 2	**24.00** 4.33	15 x 2 19 x 2½	**25.00** 4.82	15 x 2½ 20 x 2½	**27.00** 5.83	15 x 3 21 x 3
16"	16.00		**19.00** 1.41	**20.00** 1.91	**21.00** 2.41	**22.00** 2.91					**22.00** 2.82	16 x 1½ 19 x 1½	**23.00** 3.32	16 x 1½ 19 x 2	**24.00** 3.82	16 x 2 20 x 2	**25.00** 4.32	16 x 2 20 x 2½	**26.00** 4.82	16 x 2½ 21 x 2½	**28.00** 5.82	16 x 3 22 x 3
17"	17.00		**20.00** 1.41	**21.00** 1.91	**22.00** 2.41	**23.00** 2.91					**23.00** 2.82	17 x 1½ 20 x 1½	**24.00** 3.32	17 x 1½ 20 x 2	**25.00** 3.82	17 x 2 21 x 2	**26.00** 4.32	17 x 2 21 x 2½	**27.00** 4.82	17 x 2½ 22 x 2½	**29.00** 5.82	17 x 3 23 x 3
18"	18.00		**21.00** 1.41	**22.00** 1.91	**23.00** 2.41	**24.00** 2.91					**24.00** 2.82	18 x 1½ 21 x 1½	**25.00** 3.32	18 x 1½ 21 x 2	**26.00** 3.82	18 x 2 22 x 2	**27.00** 4.32	18 x 2 22 x 2½	**28.00** 4.82	18 x 2½ 23 x 2½	**30.00** 5.82	18 x 3 24 x 3
19"	19.00		**22.00** 1.41	**23.00** 1.91	**24.00** 2.41	**25.00** 2.91					**25.00** 2.82	19 x 1½ 22 x 1½	**26.00** 3.32	19 x 1½ 22 x 2	**27.00** 3.82	19 x 2 23 x 2	**28.00** 4.32	19 x 2 23 x 2½	**29.00** 4.82	19 x 2½ 24 x 2½	**31.00** 5.93	19 x 3 25 x 3
20"	20.00		**23.00** 1.41	**24.00** 1.91	**25.00** 2.41	**26.00** 2.91					**26.00** 2.82	20 x 1½ 23 x 1½	**27.00** 3.32	20 x 1½ 23 x 2	**28.00** 3.82	20 x 2 24 x 2	**29.00** 4.32	20 x 2 24 x 2½	**30.00** 4.91	20 x 2½ 25 x 2½	**32.00** 5.93	20 x 3 26 x 3
21"	21.00		**24.00** 1.41	**25.00** 1.91	**26.00** 2.41	**27.00** 2.91					**27.00** 2.82	21 x 1½ 24 x 1½	**28.00** 3.32	21 x 1½ 24 x 2	**29.00** 3.89	21 x 2 25 x 2	**30.00** 4.41	21 x 2 25 x 2½	**31.00** 4.91	21 x 2½ 26 x 2½	**33.00** 5.93	21 x 3 27 x 3
22"	22.00		**25.00** 1.41	**26.00** 1.91	**27.00** 2.41	**28.00** 2.91					**28.00** 2.87	22 x 1½ 25 x 1½	**29.00** 3.39	22 x 1½ 25 x 2	**30.00** 3.89	22 x 2 26 x 2	**31.00** 4.41	22 x 2 26 x 2½	**32.00** 4.91	22 x 2½ 27 x 2½	**34.00** 5.93	22 x 3 28 x 3
23"	23.00		**26.00** 1.41	**27.00** 1.91	**28.00** 2.41	**29.00** 2.91					**29.00** 2.87	23 x 1½ 26 x 1½	**30.00** 3.39	23 x 1½ 26 x 2	**31.00** 3.89	23 x 2 27 x 2	**32.00** 4.41	23 x 2 27 x 2½	**33.00** 4.91	23 x 2½ 28 x 2½	**35.00** 5.93	23 x 3 29 x 3
24"	24.00		**27.00** 1.41	**28.00** 1.91	**29.00** 2.41	**30.00** 2.91					**30.00** 2.87	24 x 1½ 27 x 1½	**31.00** 3.39	24 x 1½ 27 x 2	**32.00** 3.89	24 x 2 28 x 2	**33.00** 4.41	24 x 2 28 x 2½	**34.00** 4.91	24 x 2½ 29 x 2½	**36.00** 5.93	24 x 3 30 x 3
25"	25.00		**28.00** 1.46	**29.00** 1.98	**30.00** 2.50	**31.00** 3.02					**31.00** 2.92	25 x 1½ 28 x 1½	**32.00** 3.44	25 x 1½ 28 x 2	**33.00** 3.96	25 x 2 29 x 2	**34.00** 4.48	25 x 2 29 x 2½	**35.00** 5.00	25 x 2½ 30 x 2½	**37.00** 6.04	25 x 3 31 x 3
26"	26.00		**29.00** 1.46	**30.00** 1.98	**31.00** 2.50	**32.00** 3.02					**32.00** 2.92	26 x 1½ 29 x 1½	**33.00** 3.44	26 x 1½ 29 x 2	**34.00** 3.96	26 x 2 30 x 2	**35.00** 4.48	26 x 2 30 x 2½	**36.00** 5.00	26 x 2½ 31 x 2½	**38.00** 6.04	26 x 3 32 x 3
27"	27.00		**30.00** 1.46	**31.00** 1.98	**32.00** 2.50	**33.00** 3.02					**33.00** 2.92	27 x 1½ 30 x 1½	**34.00** 3.44	27 x 1½ 30 x 2	**35.00** 3.96	27 x 2 31 x 2	**36.00** 4.48	27 x 2 31 x 2½	**37.00** 5.00	28 x 2½ 32 x 2½	**39.00** 6.04	27 x 3 33 x 3
28"	28.00		**31.00** 1.46	**32.00** 1.98	**33.00** 2.50	**34.00** 3.02					**34.00** 2.92	28 x 1½ 31 x 1½	**35.00** 3.44	28 x 1½ 31 x 2	**36.00** 3.96	28 x 2 32 x 2	**37.00** 4.48	28 x 2 32 x 2	**38.00** 5.00	28 x 2½ 33 x 2½		
29"	29.00		**32.00** 1.46	**33.00** 1.98	**34.00** 2.50	**35.00** 3.02					**35.00** 2.92	29 x 1½ 32 x 1½	**36.00** 3.44	29 x 1½ 32 x 2	**37.00** 3.96	29 x 2 33 x 2	**38.00** 4.48	29 x 2 33 x 2				
30"	30.00		**33.00** 1.46	**34.00** 1.98	**35.00** 2.50	**36.00** 3.02					**36.00** 2.92	30 x 1½ 33 x 1½	**37.00** 3.44	30 x 1½ 33 x 2								
31"	31.00		**34.00** 1.46	**35.00** 1.98	**36.00** 2.50	**37.00** 3.02																
32"	32.00		**35.00** 1.46	**36.00** 1.98	**37.00** 2.50	**38.00** 3.02																
33"	33.00		**36.00** 1.46	**37.00** 1.98	**38.00** 2.50	**39.00** 3.02																

***Bold Type—O.D.**
Light Type—Thickness

NOTE:
MULTIPLE LAYER ON COPPER TUBING. Multiple layer insulation on copper tubing is available but must be ordered and priced separately. Choose suitable layers by locating Iron Pipe actual diameter which is equal to outside diameter of copper tubing insulation. Order combination by listing pipe size and total thickness. For example: 1⅜" x 3" composed of 1⅜" O.D. x 1½" (CT) and 4" x 1½" (IPS).

MULTIPLE LAYER (IPS). Multiple-Layer combinations specified above are supplied nested in the same carton when ordered as multiple layer thickness, i.e. 10" x 4" M. L. Should other combinations be desired, order insulation by individual layers.

UNR 006836

0103722

KAYLO KLAD
NET ADD-ON CHARGES FOR METAL JACKETS

O.D. OF INSULATION	ORDERING SIZE NOMINAL PIPE SIZE 1" THK	1½" THK	2" THK	2½" THK	METAL JACKET ADD-ON #16 KAYLO KLAD CL	LTL	#10 STEEL KAYLO KLAD CL	LTL
IRON PIPE SIZES								
4.00	1½"	½"–¾"			$.43	$.49	$1.06	$1.22
4.50	2"	1"			.45	.52	1.27	1.46
5.00	2½"	1¼"–1½"	½"–¾"		.47	.54	1.49	1.71
5.562	3"	2"–2½"	1"–1¼"–1½"		.49	.56	1.70	1.96
6.625	3½"–4"	3"–3½"	2"–2½"		.53	.61	1.86	2.14
7.625	4½"–5"	4"–4½"	3"–3½"		.57	.66	2.02	2.32
8.625	6"	5"	4"–4½"		.61	.70	2.18	2.51
9.625		6"	5"		.65	.75	2.40	2.76
10.75		7"	6"		.69	.79	2.55	2.93
11.75		8"	7"		.75	.86	2.72	3.13
12.75		9"	8"	7"	.79	.91	2.81	3.23
14.00		10"	9"	8"	.90	1.04	2.92	3.36
15.00		11"	10"	9"	.99	1.14	3.07	3.53
16.00		12"	11"	10"	1.10	1.27	3.17	3.65
17.00		14"	12"	11"	1.24	1.43	3.38	3.89
18.00		15"	14"	12"	1.30	1.50	3.67	4.22
19.00		16"	15"	14"	1.43	1.58	3.87	4.49
20.00		17"	16"	15"	1.48	1.64	4.08	4.73
21.00		18"	17"	16"	1.55	1.71	4.28	4.96
22.00		19"	18"	17"	1.60	1.77	4.49	5.21
23.00		20"	19"	18"	1.64	1.79	4.69	5.44
24.00		21"	20"	19"	1.69	1.87	4.89	5.67
25.00		22"	21"	20"	1.75	1.93	5.10	5.92
26.00		23"	22"	21"	1.81	2.00	5.30	6.15
27.00		24"	23"	22"	1.85	2.04	5.50	6.38
28.00			24"	23"	1.91	2.11	5.71	6.62
29.00				24"	1.96	2.17	5.91	6.86
COPPER TUBING SIZES (O.D.)								
2.88					$.39	$.45	$.85	$.98
3.50		½"			.43	.49	1.06	1.22
4.00		5/8"–1-1/8"			.45	.52	1.27	1.46
4.50	2-1/8"–2-5/8"	1-3/8"–1-5/8"			.47	.54	1.49	1.71
5.56	3-1/8"	2-1/8"–2-5/8"			.49	.56	1.70	1.96
6.63		3-1/8"			.53	.61	1.86	2.14

UNR 006837

* Sizes below solid line are segmental serviced from Berlin, unless specifically requested as sectional. Jacket is shipped separately and unapplied on segmental items.

KAYLO & KAYLO-20 PIPE INSULATION

Packaging Data

LINEAL FEET PER CARTON
LOAD FACTORS

UNR 006838

010674

010675

KAYLO & KAYLO-20 PIPE INSULATION

PACKAGING DATA . . . LOAD FACTORS

Serviced from Berlin, N. J.

Kork
See attached page

IRON PIPE SIZES (IPS)

NOM. PIPE SIZE	O.D. OF PIPE	SINGLE LAYER THICKNESSES 1" LF /C	1" LOAD FACTOR CL	1" LOAD FACTOR TL	1½" LF /C	1½" LOAD FACTOR CL	1½" LOAD FACTOR TL	2" LF /C	2" LOAD FACTOR TL	2" LOAD FACTOR TL	2½" LF /C	2½" LOAD FACTOR CL	2½" LOAD FACTOR TL	3" LF /C	3" LOAD FACTOR CL	3" LOAD FACTOR TL
½"	.84	90	.20	.31	75	.31	.45	48	.31	.45	27	.31	.45			
¾"	1.05	90	.20	.31	75	.31	.45	48	.31	.45	27	.31	.45			
1"	1.32	90	.29	.42	60	.35	.46	36	.31	.45	27	.31	.45			
1¼"	1.66	90	.29	.42	48	.31	.45	36	.31	.45	27	.31	.45			
1½"	1.90	75	.31	.45	48	.31	.45	27	.31	.45	18	.29	.42	12	.22	.33
2"	2.38	60	.35	.46	36	.31	.45	27	.31	.45	18	.31	.45	12	.22	.33
2½"	2.88	48	.31	.45	27	.31	.45	18	.31	.45	12	.22	.33	12	.31	.45
3"	3.50	36	.31	.45	27	.31	.45	18	.31	.45	12	.22	.33	12	.31	.45
3½"	4.00	27	.31	.45	18	.29	.42	12	.29	.42	12	.31	.45	6	.16	.24
4"	4.50	27	.31	.45	18	.29	.42	12	.29	.42	12	.31	.45	6	.16	.24
4½"	5.00	18	.29	.42	12	.22	.33	12	.22	.33				6	.20	.34
5"	5.56	18	.29	.42	12	.22	.33	12	.22	.33	6	.16	.24	6	.20	.34
6"	6.63	12	.22	.33	12	.31	.45	6	.31	.45	6	.20	.34	6	.24	.37
7"	7.63				6	.16	.24	6	.16	.24	6	.24	.37	6	.29	.45
8"	8.63				6	.20	.34	6	.20	.34	6	.29	.45	3	.16	.24
9"	9.63				6	.24	.37	6	.24	.37	3	.16	.29	3	.20	.31
10"	10.75				6	.29	.45	3	.29	.45	3	.20	.31	5	.29	.42
11"	11.75				3	.16	.29	3	.16	.29	5	.29	.42	5	.29	.42
12"	12.75				3	.20	.31	6	.22	.31	5	.29	.42	4	.35	.46
14"	14.00				8	.29	.42	6	.29	.42	5	.35	.46	4	.35	.46
15"	15.00				8	.29	.42	6	.29	.42	5	.35	.46	4	.35	.46
16"	16.00				7	.35	.46	6	.35	.46	5	.35	.46	5	.38	.59

UNR 006839

IRON PIPE SIZES (IPS)

NOM. PIPE SIZE	O.D. OF PIPE	SINGLE LAYER THICKNESSES														
		1"			1½"			2"			2½"			3"		
		LF /C	LOAD FACTOR CL	LOAD FACTOR TL	LF /C	LOAD FACTOR CL	LOAD FACTOR TL	LF /C	LOAD FACTOR CL	LOAD FACTOR TL	LF /C	LOAD FACTOR CL	LOAD FACTOR TL	LF /C	LOAD FACTOR CL	LOAD FACTOR TL
17"	17.00				7	.35	.46	6	.35	.46	5	.38	.59	5	.38	.59
18"	18.00				7	.35	.46	6	.35	.46	5	.38	.59	3	.35	.46
19"	19.00				8	.38	.59	6	.38	.59	3	.35	.46	3	.35	.46
20"	20.00				8	.38	.59	4	.38	.59	3	.35	.46	3	.35	.46
21"	21.00				5	.35	.46	4	.35	.46	4	.38	.59	3	.31	.45
22"	22.00				5	.35	.46	4	.35	.46	3¾	.31	.45	3	.31	.45
23"	23.00				5	.35	.46	4½	.31	.45	3¾	.31	.45	3	.35	.46
24"	24.00				6	.31	.45	4½	.31	.45	3	.35	.46	3	.35	.46
25"	25.00															
26"	26.00															
27"	27.00															
28"	28.00															
29"	29.00															
30"	30.00															
31"	31.00															
32"	32.00															
33"	33.00															

COPPER TUBING (CT)

O.D. OF TUBE	NOM. TUBE SIZE						
½"	3/8"	105	.23	.36	72	.23	.36
5/8"	½"	105	.23	.36	72	.46	.93
¾"	5/8"	105	.23	.36	72	.46	.93
7/8"	¾"	105	.23	.36	72	.46	.93
1-1/8"	1"	105	.23	.36	72	.34	.46
1-3/8"	1¼"	72	.23	.36	60	.34	.46
1-5/8"	1½"	72	.23	.36	48	.34	.46
2-1/8"	2"	60	.34	.46	48	.46	.93
2-5/8"	2½"	60	.34	.46	48	.46	.93
3-1/8"	3"	48	.46	.93	27	.34	.46

LF/C indicates Lineal Feet/ctn.

LOAD FACTORS indicate the % of CL or TL of *1 Carton* of each item.

To convert into % of CL or TL for item ordered, multiply factor times number of cartons of the item, or refer to loading calculator. (Nomograph)

ODD-COUNT CARTON LINEAL FOOT PER CARTON

IPS	1" Thk.	1½" Thk.
½"	54	36
¾"	54	36
1"	45	S
1-1¼"	45	S
1½"	36	S
CT		
½"	54	45
5/8"	54	45
¾"	54	36
7/8"	54	36
1-1/8"	45	36
1-3/8"	45	S
1-5/8"	36	S
2-1/8"	36	S

S—Standard Packaging is 54/L.F. or less per carton.

PACKAGING DATA
KAYLO PIPE INSULATION

Serviced from Emoryville, California

IRON PIPE SIZES — **Spec: DMP 57.12.61**

PIPE SIZE	1" Thk.		1½" Thk.		2" Thk.		2½" Thk.		3" Thk.		3½" Thk.		4" Thk.	
	LF/CTN	WT/CTN	LF/CTN	WT/CTN	LF/CTN	WT/CTN	LF/CTN	WT/CTN	LF/CTN	WT/CTN	LF/CTN	WT/CTN	LF/CTN	WT/CTN
⅛"	168	73#	–	–	51a	89#	–	–	–	–	–	–	–	–
3/8"	108	70	–	–	36	77	–	–	24a	94#	15	83#	12	84#
½"	120	76	60	73#	36	76	24a	89#	15	79	12	79	12b	104
¾"	120	71	60	71	36	75	24a	88	15	78	12	78	12b	102
1"	81	70	51a	76	30a	78	24a	88	15	72	12	81	12b	102
1¼"	81	63	36	64	30a	76	24a	93	15	71	12	81	12b	101
1½"	60	60	36	61	24a	82	15a	75	12	72	12b	101	6a	66
2"	51a	62	30a	63	24a	70	15a	72	12	70	12b	98	6a	67
2½"	60b	82	24a	68	15	64	12	69	12b	88	6a	68	6a	73
3"	48b	74	24a	63	24b	87	12	62	12b	88	6a	66	6a	71
3½"	24a	56	24b	82	12	62	12b	75	12b	103	6a	70	6a	81
4"	24a	47	24b	72	12	54	12b	80	12b	98	6a	66	6a	78
4½"	24b	66	18b	73	12b	69	12b	84	6a	64	6a	76	–	–
5"	24b	56	18b	65	12b	67	12b	89	6a	60	6a	73	3c	47
6"	12	33	12b	53	12b	69	6a	55	6a	64	3c	44	3c	52
7"			12b	58	6a	44	6	58	3c	39	3c	48	3	57
8"			6a	37	6a	45	3c	31	3c	41	3	53	3	59
9"			6a	37	3c	27	–	–	3	46	3	55	3	64
10"			3c	24	3c	30	3	37	3	50	3	61	3b	66
11"			3	26	3	32	–	–	3	52	3b	70	3b	77
12"			3	27	3	32	3	42	3b	60	3b	74	3b	78
14"			3	28	3	34	3b	47	3b	61	3b	75	3b	83
15"			3	29	3b	40	–	–	3b	64	3b	78	3b	85
16"			3b	34	3b	42	3b	51	3b	68	3b	80		
17"			3b	35	3b	43	3b	52	–	–				
18"			3b	37	3b	44	3b	52	3d	70				
19"			3b	38	3b	46	3d	56	–	–				
20"			3d	38	3d	47	3d	62	3d	73				
22"			3d	40	3d	51	3f	65	3f	76				
24"			3f	43	3f	56	3b	70	3b	86				

COPPER TUBING SIZES

3/8"	168	73#
½"	108	70
¾"	120	76
1"	81	71
1¼"	81	70
1½"	60	63
2"	51a	65
2½"	60b	88
3"	48b	76

CARTON DIMENSIONS & LOAD FACTORS

KEY	CARTON SIZE	CU. FT/CTN	LOAD FACTOR %CL.	LOAD FACTOR %TL
a	14" x 27" x 37"	8.094		
b	22½" x 23½" x 37"	11.327		
c	16" x 16" x 37"	5.481		
d	27" x 27" x 37"	13.468		
f	29" x 29" x 37"	18.007		
All Others	19" x 19" x 37"	7.730		

UNR 006841

010677

EAGLE-PICHER INDUSTRIES, INC.

FIBERS DEPARTMENT • CINCINNATI, OHIO 45201

EAGLE EP PICHER

BULLETIN II-416

January 31, 1968

TO: FIBERS DEPARTMENT DISTRIBUTORS AND CONTRACTORS
FIBERS DEPARTMENT DISTRICT AND AREA MANAGERS

SUBJECT: Hylo Price Increase

Attached are revised Price Sheets IN1.P4, IN1.P5, IN1.P15 and Discount Sheet IN1.D4 covering Hylo Pipe Covering and Block Insulation.

The price sheets and discount sheet become effective July 1, 1968. All material shipped on or after July 1 will be invoiced at the new price level.

There will be no price protection on this or future Hylo price increases. The announcement of this increase is being made several months in advance of the effective date to allow our customers to figure material at the higher price level on bid work that will be performed after the effective date.

The amount of the increase is approximately 4½% and we anticipate that it will be necessary to increase our prices approximately 5% a year in 1969 and again in 1970. The exact amount of the increases will be announced as soon as possible and we will try to announce them six months in advance of the effective date.

Please let us know if you have any questions regarding this increase.

Very truly yours,

FIBERS and MINERALS DIVISION
Eagle-Picher Industries, Inc.

Lowell D. Graves

Lowell D. Graves
Asst. General Sales Manager
Fibers Department

LDG/sm

Atts.

UNR 006842

010678

FORM 2102


RECEIVED
FEB 5

"Distributed by Eagle-Picher under trade name Hylo®."

OWENS-CORNING FIBERGLAS

No. IN1.P4
Page 1 of 6
Issue Date 1/1/68
Effective with
Shipments 7/1/68
Supersedes: IN1.P4 (5/1/67)

KAYLO & KAYLO-20 PIPE INSULATION

LIST PRICES
Zones 1, 2, 3 & 4

INDEX

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DIMENSIONAL DATA	Engrg. Supplement
PACKAGING DATA	Supplement
LOAD FACTORS	Supplement
ODD COUNT CARTONS	Supplement

UNR 006844

DOMESTIC SALES General Terms and Conditions of Sale apply to these products and are set forth on GL1.1.

SHIPPING TERMS: F.O.B. shipping point, freight allowed on seller's routing; additional transportation charges are extra.

PAYMENT TERMS: 1%, 10th Prox., in dollar amount shown on invoice; Net 30th Prox.

EXPORT SALES Terms and Conditions of Sale, including Shipping and Payment Terms, are set forth on EX1.1.

010679

Trademark of Owens-Corning Fiberglas Corporation

OWENS-CORNING FIBERGLAS

KAYLO & KAYLO-20 PIPE INSULATION

GENERAL INFORMATION

Kaylo Pipe and Tube Insulation is a white, rigid hydrous calcium silicate material designed for use as insulation on pipe and tube operating up to 1200° F.

Kaylo-20 Pipe and Tube Insulation is pink, and is designed for use as insulation on pipe and tubing operating up to 1800° F. It is available in 2" thickness with No Wrap only.

Kaylo is available sectional up to 24" IPS. It is also available as TRI, QUAD and Segmental in sizes larger than 12" IPS. All insulation is furnished in 3' lengths, follows Simplified Dimensional Standards and may be "nested". Accessories: Lap Adhesive, wire, cements, etc. are not furnished.

JACKETS

Jackets are factory applied on sectional insulation except where noted. Jackets on segmental insulation are precut and shipped *unapplied.* Canvas jackets are furnished 38½" wide to provide an overlap at the butt joint between sections.

The following are available:

NO WRAP: Taped 9" from each end with 2" wide tape.

CANVAS JACKETS: in "Standard" and 8 Ounce weights.

ASBESTOS JACKET: 45 AFJ (45 lb. asbestos felt jacket) – a weather-resistant jacket composed of asphalt saturated asbestos felt weighing 45 lbs. per 108 sq. ft. On pipe sizes smaller than 4.50" O.D., the jacket is included in the carton cut to size and unapplied.

KAYLO & KAYLO-20 PIPE INSULATION

GENERAL INFORMATION

METAL JACKETS:

Two types of metal jackets are available:
No. 16 Kaylo-Klad (.016" Smooth or Embossed Aluminum)
No. 10 Steel Kaylo-Klad (.010" Stainless Steel, Smooth Only)

Aluminum Jackets are of 3003 alloy and have an integral moisture barrier lining. Stainless steel is available for those areas where extreme corrosive atmospheres or fire hazards are encountered. Joint Seal Strips are provided on No. 16 Kaylo-Klad and No. 10 Steel Kaylo-Klad.

STANDARD ITEMS:

All sizes listed in the price table are standard – refer to cycle sheet for delivery information.

Stock Items: IPS sizes shown in the table of list prices up to and including 39" x 3" and copper tubing 1" and 1½" thick up to and including 3" nominal tube size are stocked with No Wrap only.

Non-stocked items: All intermediate sizes not shown in the price table, and all sizes with jackets.

Non-stocked items are not subject to return under Section 14 of General Terms and Conditions of Sale.

BANDS: All items are shipped *without* bands unless order specifies "with bands". Bands are furnished at extra cost: 2½ bands per section.

ODD COUNT PACKAGING: When order specifies "Job-Site shipment, ship exact", smaller cartons containing no more than 54 L.F. (see pkg. suppl.) of 1" and 1½" wall thickness, will be shipped to job or warehouse, if requested on the order, when insulation is jacketed with No Wrap or Std. Canvas. Other jackets and greater thicknesses will be shipped in the exact quantity ordered when shipped to job site. Pricing is determined by quantity shipped.

MINIMUM RELEASE QUANTITY: Zones 1 & 2 – One carton of any one item.
Zones 3 & 4 – One carton of any one item in a release of $200 or more net value of Kaylo products.

CARLOAD AND TRUCKLOAD QUANTITY: List value shown on discount sheet or Full Visible Carload or Truckload whichever is less (Refer to load factors on Packaging Data Sheets).

Mixed carloads and truckloads in accordance with the Industrial Mixed-shipment procedures, will take the carload or truckload price.

ON RELEASE OF ONE FULL CARLOAD OR TRUCKLOAD, TO INSURE CL OR TL PRICING, CUSTOMER MUST SPECIFY ONE ITEM TO BE INCREASED OR DECREASED TO FILL VEHICLE TO CAPACITY.

Releases in excess of one full carload or truckload do not require a variable item and the excess will be shipped OCF routing and will be invoiced at the same level as the full vehicle.

FOR DISCOUNTS SEE DISCOUNT SHEETS IN1.D4 OR IN1.D4-P

010681

CAS: IN-G10
IN-G20
IN-G75

UNR 006846

KAYLO & KAYLO-20 PIPE INSULATION

LIST PRICES PER LINEAL FOOT*... IRON PIPE SIZES

(Forms shown are for Berlin Production Only)

NOMINAL PIPE SIZE	O.D. OF PIPE	FORM	IRON PIPE SIZES (IPS) SINGLE LAYER 1"	1½"	2"	2½"	3"
½"	.84	SECTIONAL	$.22	$.46	$.75	$1.00	$1.20
¾"	1.05		.24	.49	.80	1.05	1.35
1"	1.32		.27	.52	.85	1.10	1.40
1¼"	1.66		.30	.56	.90	1.15	1.45
1½"	1.90		.33	.60	.95	1.20	1.55
2"	2.38		.36	.64	1.00	1.25	1.65
2½"	2.88		.40	.70	1.05	1.35	1.75
3"	3.50		.45	.76	1.15	1.50	1.90
3½"	4.00		.50	.82	1.25	1.65	2.05
4"	4.50		.60	.88	1.35	1.80	2.20
4½"	5.00		.65	.94	1.45	1.95	2.35
5"	5.56		.70	1.00	1.55	2.10	2.50
6"	6.63		.80	1.10	1.70	2.25	2.70
7"	7.63			1.20	1.85	2.40	2.90
8"	8.63			1.35	2.00	2.55	3.15
9"	9.63			1.50	2.20	2.80	3.40
10"	10.75			1.65	2.40	3.05	3.65
11"	11.75			1.75	2.55	3.20	3.90
12"	12.75			1.85	2.70	3.40	4.10
14"	14.00	TRI – SEG.		2.10	3.00	3.80	4.60
15"	15.00			2.25	3.15	4.00	4.85
16"	16.00			2.35	3.30	4.20	5.10
17"	17.00			2.50	3.45	4.40	5.35
18"	18.00			2.60	3.60	4.60	5.60
19"	19.00			2.75	3.80	4.80	5.80
20"	20.00			2.85	4.00	5.00	6.00
21"	21.00			3.00	4.15	5.20	6.25
22"	22.00			3.10	4.30	5.40	6.50
23"	23.00			3.20	4.40	5.60	6.75
24"	24.00	QUAD.		3.30	4.50	5.75	7.00
25"	25.00	K–SEG.		3.45	4.70	6.00	7.20
26"	26.00			3.55	4.85	6.20	7.50
27"	27.00			3.65	5.05	6.40	7.70
28"	28.00			3.75	5.15	6.65	7.95
29"	29.00			3.90	5.35	6.80	8.20
30"	30.00			4.00	5.50	6.95	8.40
31"	31.00			4.15	5.70	7.20	8.75
32"	32.00			4.30	5.90	7.40	9.10
33"	33.00			4.40	6.05	7.60	9.20
34"				4.55	6.25	7.80	9.50
35"				4.80	6.55	8.20	9.95
36"				4.80	6.55	8.20	9.95
37"				5.05	6.85	8.60	10.45
38"				5.05	6.85	8.60	10.45
39"				5.30	7.15	9.00	10.95

SHADED AREA indicates sizes available in sectional form when specifically requested on the order. Unless otherwise specified these sizes will be supplied in Tri or Quad form.

*For discounts see Discount Sheet IN1.D4 or IN1.D4-P.

INTERMEDIATE SIZES . . .

Intermediate sizes between the sizes listed in the price tables are available. Orders for intermediate sizes must show exact OD of pipe to be insulated. List price of intermediate sizes will be the list price of the next larger Nom. pipe size shown in the price table.

FOR MULTIPLE LAYER . .

UNR 006847

For multiple layer nested combinations add the net unit prices for the individual layers.

Example:

10"x 3½" Multiple layer w/8 oz. Canvas in CL shipment in Zone 1

IL 10"x 1½" – List $1.65/LF less 3%
(CL/No Wrap disc.) Net $1.60/LF

OL 14" x 2" – List $3.00/LF plus 10%
(CL/8 oz Canv.) Net $3.30/LF

Total Net Price $4.90/LF

For recommended multiple-layer combinations refer to Engineering Data Supplement.

010682

KAYLO & KAYLO-20 PIPE INSULATION

LIST PRICES PER LINEAL FOOT* . . . COPPER TUBING

COPPER TUBING (CT)			
O. D. OF TUBE	NOM. TUBE SIZE	SINGLE LAYER	
		1"	1½"
½"	3/8"	$.22	$.46
5/8"	½"	.22	.46
¾"	5/8"	.24	.49
7/8"	¾"	.24	.49
1-1/8"	1"	.27	.52
1-3/8"	1-1/4"	.30	.56
1-5/8"	1½"	.30	.56
2-1/8"	2"	.36	.64
2-5/8"	2½"	.40	.70
3-1/8"	3"	.45	.76

* For discounts see Discount Sheet IN1.D4 or IN1.D4-P.

UNR 006848

010683

KAYLO KLAD
NET ADD-ON CHARGES FOR METAL JACKETS

O.D. OF INSULATION	ORDERING SIZE					METAL JACKET ADD-ON			
	1" THK	1½" THK	2" THK	2½ THK	3" THK	#16 KAYLO KLAD		#10 STEEL KAYLO KLAD	
	IRON PIPE SIZES					CL	LTL	CL	LTL
2.88	½"–¾"					$ .40	$ .46	$ .90	$1.04
3.50	1"–1¼"					.42	.48	1.04	1.20
4.00	1½"	½"–¾"				.43	.49	1.06	1.22
4.50	2"	1"				.45	.52	1.27	1.46
5.00	2½"	1¼"–1½"	½"–¾"			.47	.54	1.49	1.71
5.625	3"	2"	1"–1¼"			.49	.56	1.70	1.96
6.625	3½"–4"	2½"–3"	1½"–2"	½" Thru 1¼"		.53	.61	1.86	2.14
7.625	4½"–5"	3½"–4"	2½"–3"	1½"–2"	½" Thru 1¼"	.57	.66	2.02	2.32
8.625	6"	4½"–5"	3½"–4"	2½"–3"	1½"–2"	.61	.70	2.18	2.51
9.625		6"	4½"–5"	3½"–4"	2½"–3"	.65	.75	2.40	2.76
10.75		7"	6"	4½"–5"	3½"–4"	.69	.79	2.55	2.93
11.75		8"	7"	6"	4½"–5"	.75	.86	2.72	3.13
12.75		9"	8"	7"	6"	.79	.91	2.81	3.23
14.00		10"	9"	8"	7"	.90	1.04	2.92	3.36
15.00		11"	10"	9"	8"	.99	1.14	3.07	3.53
16.00		12"	11"	10"	9"	1.10	1.27	3.17	3.65
17.00		14"	12"	11"	10"	1.24	1.43	3.38	3.89
18.00		15"	14"	12"	11"	1.30	1.50	3.67	4.22
19.00		16"	15"	14"	12"	1.43	1.58	3.87	4.49
20.00		17"	16"	15"	14"	1.48	1.64	4.08	4.73
21.00		18"	17"	16"	15"	1.55	1.71	4.28	4.96
22.00		19"	18"	17"	16"	1.60	1.77	4.49	5.21
23.00		20"	19"	18"	17"	1.64	1.79	4.69	5.44
24.00		21"	20"	19"	18"	1.69	1.87	4.89	5.67
25.00		22"	21"	20"	19"	1.75	1.93	5.10	5.92
26.00		23"	22"	21"	20"	1.81	2.00	5.30	6.15
27.00		24"	23"	22"	21"	1.85	2.04	5.50	6.38
28.00			24"	23"	22"	1.91	2.11	5.71	6.62
29.00				24"	23"	1.96	2.17	5.91	6.86
30.00					24"	2.02	2.23	6.11	7.09
	COPPER TUBING SIZES (O.D.)								
2.88	½" Thru 7/8"					$ .40	$ .46	$ .90	$1.04
3.50	1-1/8"–1-3/8"	½"–5/8"				.42	.48	1.04	1.20
4.00	1-5/8"–2-1/8"	¾" Thru 1-1/8"				.43	.49	1.06	1.22
4.50	2-5/8"	1-3/8"–1-5/8"				.45	.52	1.27	1.46
5.00	3-1/8"	2-1/8"				.47	.54	1.49	1.71
5.56		2-5/8"				.49	.56	1.70	1.96
6.66		3-1/8"				.53	.61	1.86	2.14

UNR 006849

Jackets for above sizes are factory applied to sectional insulation

010684

"Distributed by Eagle-Picher under trade name Hylo®."

"Distributed by Eagle-Picher under trade name Hylo®."

Prices

OWENS-CORNING FIBERGLAS

KAYLO BEVELED LAGS
List Prices

ZONES 1, 2, 3, & 4

No. IN1.P5
Page 1 of 6
Date May 1, 1967
Revised Effective with shipments 7/1/1968

Supersedes: IN1.P5 (3/4/63) & IN1.P5-PCD (1/31/63)

DOMESTIC SALES

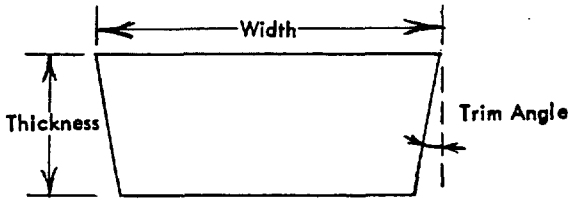
General Terms and Conditions of Sale apply to these products and are set forth on GL1.1.
SHIPPING TERMS: F.O.B. shipping point, freight allowed on seller's routing; additional transportation charges are extra.
PAYMENT TERMS: 1%, 10th Prox., in dollar amount shown on invoice; Net 30th Prox.

EXPORT SALES

Terms and Conditions of Sale, including Shipping and Payment Terms, are set forth on EX1.1.

Kaylo Beveled Lags are white, rigid, hydrous calcium silicate material beveled as illustrated to permit use as insulation on large sizes of heated piping up to 1200°F.

ALL ITEMS ARE MADE-TO-ORDER



DISCOUNTS: For Discounts see Discount Sheet IN1.D4 (Zones 1 & 2); IN1.D4-P (Zones 3 & 4).

MINIMUM RELEASE QUANTITY:

ZONES 1 & 2 - One Carton
ZONES 3 & 4 - One Carton of any 1 item in a release of $200 net value or more of Kaylo Beveled Lag.

UNR 006850

CAS: IN-G11, IN-G89
Catalog: IN68, IN69

010685

OWENS-CORNING FIBERGLAS

KAYLO BEVELED LAGS

Nominal Pipe Size (Inches)	Thickness (Inches)	LIST PRICES per Lineal Foot	PRODUCT AND PACKAGING DATA						
			Trim Angle (Degrees)	Sq. Ft. of Block per Lineal Foot	No. Lags Required per L.F. of pipe	No. Lags Per Carton	Lineal Feet per Carton	Reciprocal of Lineal Feet per Carton	Weight per Carton (pounds)
18	1-1/2	$2.60	9	5.523	7.00	48	6.857	.1458	52
	2	3.60	9	5.905	7.33	36	4.911	.2036	51
	2-1/2	4.60	8	6.231	7.67	30	3.911	.2556	52
	3	5.60	8	6.350	7.67	24	3.129	.3195	50
	3-1/2	6.75	8	6.750	8.00	20	2.500	.4000	52
	4	7.85	8	6.874	8.00	18	2.250	.4444	54
19	1-1/2	2.75	8	5.740	7.33	48	6.548	.1527	52
	2	3.80	8	6.120	7.67	36	4.694	.2130	51
	2-1/2	4.80	8	6.500	8.00	30	3.750	.2666	52
	3	5.80	8	6.624	8.00	24	3.000	.3333	50
	3-1/2	7.00	8	7.028	8.33	20	2.401	.4165	52
	4	8.15	8	7.158	8.33	18	2.161	.4627	54
20	1-1/2	2.85	8	6.007	7.67	48	6.258	.1597	53
	2	4.00	8	6.384	8.00	36	4.500	.2222	52
	2-1/2	5.00	8	6.768	8.33	30	3.601	.2777	52
	3	6.00	8	6.897	8.33	24	2.881	.3471	50
	3-1/2	7.25	8	7.135	8.67	20	2.306	.4337	52
	4	8.45	8	7.450	8.67	18	2.076	.4817	54
21	1-1/2	3.00	8	6.265	8.00	48	6.000	.1666	53
	2	4.15	8	6.647	8.33	36	4.321	.2314	52
	2-1/2	5.20	8	7.044	8.67	30	3.460	.2890	52
	3	6.25	7	7.079	8.67	24	2.768	.3612	51
	3-1/2	7.50	7	7.452	9.00	20	2.222	.4500	53
	4	8.75	7	7.593	9.00	18	2.000	.5000	55
22	1-1/2	3.10	7	6.738	8.67	48	5.536	.1806	53
	2	4.30	7	6.851	8.67	36	4.152	.2408	52
	2-1/2	5.40	7	7.228	9.00	30	3.333	.3000	53
	3	6.50	7	7.348	9.00	24	2.666	.3750	51
	3-1/2	7.80	7	7.725	9.33	20	2.143	.4666	53
	4	9.10	7	7.872	9.33	18	1.929	.5184	55
23	1-1/2	3.20	7	6.994	9.00	48	5.333	.1875	53
	2	4.40	7	7.111	9.00	36	4.000	.2500	52
	2-1/2	5.50	7	7.493	9.33	30	3.215	.3110	53
	3	6.75	7	7.617	9.33	24	2.572	.3888	51
	3-1/2	8.05	7	8.007	9.67	20	2.068	.4836	53
	4	9.40	7	8.159	9.67	18	1.861	.5373	55
24	1-1/2	3.30	7	7.251	9.33	48	5.144	.1944	53
	2	4.50	7	7.372	9.33	36	3.858	.2592	52
	2-1/2	5.75	7	7.766	9.67	30	3.102	.3223	53
	3	7.00	7	7.895	9.67	24	2.481	.4030	51
	3-1/2	8.30	7	8.280	10.00	20	2.000	.5000	53
	4	9.65	7	8.438	10.00	18	1.800	.5556	55
25	1-1/2	3.55	7	7.515	9.67	48	4.963	.2014	53
	2	4.85	7	7.642	9.67	36	3.722	.2686	52
	2-1/2	6.20	7	9.032	10.00	30	3.000	.3333	53
	3	7.50	6	8.312	10.33	24	2.325	.4301	52
	3-1/2	8.90	6	8.432	10.33	20	1.936	.5165	54
	4	10.30	6	8.835	10.67	18	1.686	.5931	56
26	1-1/2	3.55	6	7.715	10.00	48	4.800	.2083	54
	2	4.85	6	7.825	10.00	36	3.600	.2777	53
	2-1/2	6.20	6	8.196	10.33	30	2.904	.3443	54
	3	7.50	6	8.586	10.67	24	2.249	.4446	52
	3-1/2	8.90	6	8.709	10.67	20	1.874	.5336	54
	4	10.30	6	9.108	11.00	18	1.636	.6112	56
27	1-1/2	3.65	6	7.969	10.33	48	4.646	.2152	54
	2	5.05	6	8.083	10.33	36	3.484	.2870	53
	2-1/2	6.40	6	8.466	10.67	30	2.812	.3556	54
	3	7.70	6	8.851	11.00	24	2.181	.4585	52
	3-1/2	9.15	6	8.979	11.00	20	1.818	.5501	54
	4	10.65	6	9.381	11.33	18	1.588	.6297	56

Reciprocal of lineal feet per carton is useful in figuring the number of cartons necessary to insulate a given length of pipe.
Example: How many cartons are required to insulate 1000 lineal feet of 30" pipe to a 2-1/2" thickness? 1000 x .3889 = 388.9 or 389 cartons

LOAD FACTORS

Thickness	CL	TL	Thickness	CL	TL	Thickness	CL	TL
1-1/2"	.16	.25	2-1/2"	.16	.24	3-1/2"	.16	.29
2"	.16	.25	3"	.16	.25	4"	.16	.25

UNR 006851

010686

Distributed By Eagle-Picher Sales

KAYLO BEVELED LAGS

Nominal Pipe Size (Inches)	Thickness (Inches)	LIST PRICES per Lineal Foot	PRODUCT AND PACKAGING DATA						
			Trim Angle (Degrees)	Sq. Ft. of Block per Lineal Foot	No. Lags Required per L.F. of pipe	No. Lags Per Carton	Lineal Feet per Carton	Reciprocal of Lineal Feet per Carton	Weight per Carton (pounds)
28	1-1/2	$3.75	6	8.231	10.67	48	4.498	.2223	54
	2	5.15	6	8.607	11.00	36	3.272	.3056	53
	2-1/2	6.65	6	8.728	11.00	30	2.727	.3667	54
	3	7.95	6	9.117	11.33	24	2.118	.4721	52
	3-1/2	9.45	6	9.248	11.33	20	1.765	.5666	54
	4	11.00	6	9.663	11.67	18	1.542	.6485	56
29	1-1/2	4.00	6	8.486	11.00	48	4.363	.2292	54
	2	5.50	6	8.865	11.33	36	3.177	.3147	53
	2-1/2	6.95	6	8.990	11.33	30	2.648	.3776	54
	3	8.40	6	9.390	11.67	24	2.056	.4863	52
	3-1/2	10.05	6	9.526	11.67	20	1.713	.5838	54
	4	11.65	6	9.936	12.00	18	1.500	.6667	56
30	1-1/2	4.00	6	8.741	11.33	48	4.236	.2360	54
	2	5.50	6	9.131	11.67	36	3.084	.3242	53
	2-1/2	6.95	6	9.260	11.67	30	2.571	.3889	54
	3	8.40	6	9.656	12.00	24	2.000	.5000	52
	3-1/2	10.05	6	9.795	12.00	20	1.666	.6002	54
	4	11.65	6	10.209	12.33	18	1.459	.6854	56
31	1-1/2	4.30	6	9.003	11.67	48	4.113	.2431	54
	2	5.90	6	9.390	12.00	36	3.000	.3333	53
	2-1/2	7.40	6	9.522	12.00	30	2.500	.4000	54
	3	9.10	5	9.777	12.33	24	1.946	.5138	53
	3-1/2	10.70	5	10.146	12.67	20	1.578	.6337	55
	4	12.40	5	10.294	12.67	18	1.420	.7042	57
32	1-1/2	4.30	5	9.186	12.00	48	4.000	.2500	54
	2	5.90	5	9.552	12.33	36	2.919	.3425	54
	2-1/2	7.40	5	9.666	12.33	30	2.433	.4110	55
	3	9.10	5	10.047	12.67	24	1.894	.5279	53
	3-1/2	10.70	5	10.410	13.00	20	1.538	.6502	55
	4	12.40	5	10.562	13.00	18	1.384	.7225	57
33	1-1/2	4.40	5	9.438	12.33	48	3.892	.2569	54
	2	6.05	5	9.815	12.67	36	2.841	.3519	54
	2-1/2	7.60	5	9.933	12.67	30	2.368	.4222	55
	3	9.20	5	10.309	13.00	24	1.846	.5417	53
	3-1/2	10.95	5	10.674	13.33	20	1.500	.6667	55
	4	12.70	5	10.831	13.33	18	1.350	.7407	57
34	1-1/2	4.55	5	9.698	12.67	48	3.788	.2639	54
	2	6.25	5	10.071	13.00	36	2.769	.3611	54
	2-1/2	7.80	5	10.192	13.00	30	2.308	.4345	55
	3	9.50	5	10.570	13.33	24	1.800	.5555	53
	3-1/2	11.30	5	10.946	13.67	20	1.463	.6835	55
	4	13.10	5	11.107	13.67	18	1.316	.7599	57
35	1-1/2	4.80	5	9.951	13.00	48	3.692	.2708	54
	2	6.55	5	10.326	13.33	36	2.700	.3703	54
	2-1/2	8.20	5	10.450	13.33	30	2.251	.4442	55
	3	9.95	5	10.840	13.67	24	1.755	.5698	53
	3-1/2	11.80	5	11.211	14.00	20	1.428	.7003	55
	4	13.65	5	11.375	14.00	18	1.285	.7782	57
36	1-1/2	4.80	5	10.204	13.33	48	3.601	.2777	54
	2	6.55	5	10.590	13.67	36	2.633	.3797	54
	2-1/2	8.20	5	10.717	13.67	30	2.195	.4555	55
	3	9.95	5	11.102	14.00	24	1.714	.5834	53
	3-1/2	11.80	5	11.475	14.33	20	1.395	.7168	55
	4	13.65	5	11.643	14.33	18	1.256	.7962	57

Reciprocal of lineal feet per carton is useful in figuring the number of cartons necessary to insulate a given length of pipe.
Example: How many cartons are required to insulate 1000 lineal feet of 30" pipe to a 2-1/2" thickness? 1000 x .3889 = 388.9 or 389 cartons

LOAD FACTORS

Thickness	CL	TL	Thickness	CL	TL	Thickness	CL	TL
1-1/2"	.16	.25	2-1/2"	.16	.24	3-1/2"	.16	.29
2"	.16	.25	3"	.16	.25	4"	.16	.25

UNR 006852

010687

Distributed By Eagle-Picher under trade name KAYLO ®

Prices

KAYLO BEVELED LAGS

Nominal Pipe Size (Inches)	Thickness (Inches)	LIST PRICES per Lineal Foot	PRODUCT AND PACKAGING DATA						
			Trim Angle (Degrees)	Sq. Ft. of Block per Lineal Foot	No. Lags Required per L.F. of Pipe	No. Lags Per Carton	Lineal Feet Per Carton	Reciprocal of Lineal Feet per Carton	Weight per Carton (pounds)
37	1-1/2	$4.94	3-1/2	10.500	14.00	48	3.428	.2917	
	2	6.70	3-1/2	10.847	14.33	36	2.512	.3980	
	2-1/2	9.72	3-1/2	10.962	14.33	30	2.093	.4777	
	3	10.16	3-1/2	11.340	14.67	24	1.635	.6116	
38	1-1/2	5.06	3-1/2	10.747	14.33	48	3.350	.2985	
	2	6.86	3-1/2	11.105	14.67	36	2.454	.4075	
	2-1/2	9.95	3-1/2	11.222	14.67	30	2.045	.4889	
	3	10.39	3-1/2	11.595	15.00	24	1.600	.6250	
39	1-1/2	5.18	3-1/2	11.002	14.67	48	3.271	.3057	
	2	7.02	3-1/2	11.355	15.00	36	2.400	.4166	
	2-1/2	10.18	3-1/2	11.475	15.00	30	2.000	.5000	
	3	10.62	3-1/2	11.850	15.33	24	1.565	.6389	
40	1-1/2	5.29	3-1/2	11.250	15.00	48	3.200	.3125	
	2	7.17	3-1/2	11.605	15.33	36	2.348	.4258	
	2-1/2	10.40	3-1/2	11.727	15.33	30	1.956	.5112	
	3	10.85	3-1/2	12.113	15.67	24	1.531	.6531	
41	1-1/2	5.41	3-1/2	11.497	15.33	48	3.131	.3193	
	2	7.33	3-1/2	11.862	15.67	36	2.297	.4353	
	2-1/2	10.63	3-1/2	11.987	15.67	30	1.914	.5224	
	3	11.08	3-1/2	12.368	16.00	24	1.500	.6666	
42	1-1/2	5.53	3-1/2	11.752	15.67	48	3.063	.3264	
	2	7.49	3-1/2	12.112	16.00	36	2.250	.4444	
	2-1/2	10.86	3-1/2	12.240	16.00	30	1.875	.5333	
	3	11.31	3-1/2	12.623	16.33	24	1.469	.6807	
43	1-1/2	5.65	3-1/2	12.000	16.00	48	3.000	.3333	
	2	7.64	3-1/2	12.362	16.33	36	2.204	.4544	
	2-1/2	11.08	3-1/2	12.492	16.33	30	1.837	.5443	
	3	11.55	3-1/2	12.886	16.67	24	1.439	.6949	
44	1-1/2	5.76	3-1/2	12.247	16.33	48	2.939	.3402	
	2	7.80	3-1/2	12.619	16.67	36	2.159	.4631	
	2-1/2	11.31	3-1/2	12.752	16.67	30	1.799	.5558	
	3	11.77	3-1/2	13.141	17.00	24	1.411	.7087	
45	1-1/2	5.88	3-1/2	12.502	16.67	48	2.879	.3473	
	2	7.95	3-1/2	12.869	17.00	36	2.117	.4723	
	2-1/2	11.54	3-1/2	13.005	17.00	30	1.764	.5668	
	3	12.00	3-1/2	13.396	17.33	24	1.384	.7225	
46	1-1/2	6.00	3-1/2	12.750	17.00	48	2.823	.3542	
	2	8.11	3-1/2	13.119	17.33	36	2.077	.4814	
	2-1/2	11.99	3-1/2	13.517	17.67	30	1.697	.5892	
	3	12.24	3-1/2	13.659	17.67	24	1.358	.7363	
47	1-1/2	6.11	3-1/2	12.997	17.33	48	2.769	.3611	
	2	8.27	3-1/2	13.376	17.67	36	2.037	.4909	
	1-1/2	12.21	3-1/2	13.770	18.00	30	1.666	.6002	
	3	12.47	3-1/2	13.914	18.00	24	1.333	.7501	
48	1-1/2	6.23	3-1/2	13.252	17.67	48	2.716	.3681	
	2	8.42	3-1/2	13.626	18.00	36	2.000	.5000	
	2-1/2	12.44	3-1/2	14.022	18.33	30	1.636	.6112	
	3	12.69	3-1/2	14.169	18.33	24	1.309	.7639	
49	1-1/2	6.35	3-1/2	13.500	18.00	48	2.666	.4838	
	2	8.57	3-1/2	13.876	18.33	36	1.963	.5094	
	2-1/2	12.67	3-1/2	14.282	18.67	30	1.606	.6226	
	3	12.93	3-1/2	14.432	18.67	24	1.285	.7782	
50	1-1/2	6.47	3-1/2	13.747	18.33	48	2.618	.4612	
	2	8.73	3-1/2	14.133	18.67	36	1.928	.5186	
	2-1/2	12.89	3-1/2	14.535	19.00	30	1.578	.6337	
	3	13.16	3-1/2	14.687	19.00	24	1.263	.7917	

Reciprocal of lineal feet per carton is useful in figuring the number of cartons necessary to insulate a given length of pipe.
Example: How many cartons are required to insulate 1000 lineal feet of 30" pipe to a 2-1/2" thickness? 1000 x .3889 = 388.9 or 389 cartons

LOAD FACTORS

Thickness	CL	TL	Thickness	CL	TL
1-1/2"	.16	.25	2-1/2"	.16	.24
2"	.16	.25	3"	.16	.25

UNR 006853

KAYLO BEVELED LAGS

Nominal Pipe Size (Inches)	Thickness (Inches)	LIST PRICES per Lineal Foot	PRODUCT AND PACKAGING DATA						
			Trim Angle (Degrees)	Sq. Ft. of Block per Lineal Foot	No. Lags Required per L.F. of Pipe	No. Lags Per Carton	Lineal Feet Per Carton	Reciprocal of Lineal Feet per Carton	Weight per Carton (pounds)
51	1-1/2	$6.59	3-1/2	14.003	18.67	48	2.570	.3891	
	2	8.89	3-1/2	14.383	19.00	36	1.894	.5279	
	2-1/2	13.12	3-1/2	14.787	19.33	30	1.551	.6447	
	3	13.39	3-1/2	14.942	19.33	24	1.241	.8058	
52	1-1/2	6.70	3-1/2	14.250	19.00	48	2.526	.3958	
	2	9.04	3-1/2	14.633	19.33	36	1.862	.5370	
	2-1/2	13.35	3-1/2	15.047	19.67	30	1.525	.6557	
	3	13.71	3-1/2	15.300	20.00	24	1.200	.8333	
53	1-1/2	6.82	3-1/2	14.497	19.33	48	2.483	.4027	
	2	9.06	3-1/2	14.658	19.67	36	1.830	.5464	
	2-1/2	13.43	3-1/2	15.140	20.00	30	1.500	.6666	
	3	13.93	2-1/2	15.552	20.33	24	1.180	.8474	
54	1-1/2	6.94	3-1/2	14.752	19.67	48	2.440	.4098	
	2	9.36	2-1/2	15.140	20.00	36	1.800	.5555	
	2-1/2	13.65	2-1/2	15.389	20.33	30	1.475	.6779	
	3	13.93	2-1/2	15.552	20.33	24	1.180	.8474	
55	1-1/2	7.06	2-1/2	15.000	20.00	48	2.400	.4166	
	2	9.51	2-1/2	15.389	20.33	36	1.770	.5649	
	2-1/2	13.88	2-1/2	15.647	20.67	30	1.451	.6891	
	3	14.17	2-1/2	15.812	20.67	24	1.161	.8613	
56	1-1/2	7.29	2-1/2	15.502	20.67	48	2.322	.4306	
	2	9.67	2-1/2	15.647	20.67	36	1.741	.5743	
	2-1/2	14.10	2-1/2	15.897	21.00	30	1.428	.7002	
	3	14.62	2-1/2	16.317	21.33	24	1.125	.8888	
57	1-1/2	7.41	2-1/2	15.750	21.00	48	2.285	.4376	
	2	9.82	2-1/2	15.897	21.00	36	1.714	.5834	
	2-1/2	14.32	2-1/2	16.146	21.33	30	1.406	.7112	
	3	14.85	2-1/2	16.577	21.67	24	1.107	.9033	
58	1-1/2	7.53	2-1/2	15.997	21.33	48	2.250	.4444	
	2	9.98	2-1/2	16.146	21.33	36	1.687	.5927	
	2-1/2	14.55	2-1/2	16.404	21.67	30	1.384	.7225	
	3	15.08	2-1/2	16.830	22.00	24	1.090	.9174	
59	1-1/2	7.65	2-1/2	16.252	21.67	48	2.215	.4514	
	2	10.14	2-1/2	16.404	21.67	36	1.661	.6020	
	2-1/2	14.77	2-1/2	16.654	22.00	30	1.363	.7336	
	3	15.30	2-1/2	17.082	22.33	24	1.074	.9310	
60	1-1/2	7.76	2-1/2	16.500	22.00	48	2.181	.4585	
	2	10.29	2-1/2	16.654	22.00	36	1.636	.6112	
	2-1/2	14.99	2-1/2	16.904	22.33	30	1.343	.7446	
	3	15.54	2-1/2	17.342	22.67	24	1.058	.9451	
61	1-1/2	7.88	2-1/2	16.747	22.33	48	2.149	.4653	
	2	10.61	2-1/2	17.161	22.67	36	1.588	.6297	
	2-1/2	15.44	2-1/2	17.411	23.00	30	1.304	.7668	
	3	15.76	2-1/2	17.595	23.00	24	1.043	.9587	
62	1-1/2	7.99	2-1/2	17.002	22.67	48	2.117	.4723	
	2	10.76	2-1/2	17.411	23.00	36	1.565	.6389	
	2-1/2	15.67	2-1/2	17.661	23.33	30	1.285	.7782	
	3	15.99	2-1/2	17.847	23.33	24	1.028	.9727	
63	1-1/2	8.11	2-1/2	17.250	23.00	48	2.086	.4793	
	2	10.91	2-1/2	17.661	23.33	36	1.543	.6480	
	2-1/2	15.89	2-1/2	17.918	23.67	30	1.267	.7892	
	3	16.22	2-1/2	18.107	23.67	24	1.033	.9871	

Reciprocal of lineal feet per carton is useful in figuring the number of cartons necessary to insulate a given length of pipe.
Example: How many cartons are required to insulate 1000 lineal feet of 30" pipe to a 2-1/2" thickness? 1000 x .3889 = 388.9 or 389 cartons

LOAD FACTORS

Thickness	CL	TL	Thickness	CL	TL
1-1/2"	.16	.25	2-1/2"	.16	.24
2"	.16	.25	3"	.16	.25

UNR 006854

010689

Distributed By Eagle-Picher under

KAYLO BEVELED LAGS

Nominal Pipe Size (Inches)	Thickness (Inches)	LIST PRICES per Lineal Foot	PRODUCT AND PACKAGING DATA						
			Trim Angle (Degrees)	Sq. Ft. of Block per Lineal Foot	No. Lags Required per L.F. of Pipe	No. Lags Per Carton	Lineal Feet Per Carton	Reciprocal of Lineal Feet per Carton	Weight per Carton (pounds)
64	1-1/2	$ 8.23	2-1/2	17.497	23.33	48	2.057	.4861	
	2	11.07	2-1/2	17.918	23.67	36	1.520	.6578	
	2-1/2	16.11	2-1/2	18.168	24.00	30	1.250	.8000	
	3	16.45	2-1/2	18.360	24.00	24	1.000	1.0000	
65	1-1/2	8.35	2-1/2	17.752	23.67	48	2.027	.4933	
	2	11.23	2-1/2	18.168	24.00	36	1.500	.6666	
	2-1/2	16.34	2-1/2	18.418	24.33	30	1.233	.8110	
	3	16.68	2-1/2	18.612	24.33	24	.0986	1.0141	
66	1-1/2	8.47	2-1/2	18.000	24.00	48	2.000	.5000	
	2	11.38	2-1/2	18.418	24.33	36	1.479	.6761	
	2-1/2	16.56	2-1/2	18.675	24.67	30	1.216	.8223	
	3	16.91	2-1/2	18.872	24.67	24	.0972	1.0288	
67	1-1/2	8.58	2-1/2	18.247	24.33	48	1.972	.5070	
	2	11.54	2-1/2	18.675	24.67	36	1.459	.6854	
	2-1/2	16.79	2-1/2	18.925	25.00	30	1.200	.8333	
	3	17.13	2-1/2	19.125	25.00	24	0.960	1.0416	
68	1-1/2	8.70	2-1/2	18.502	24.67	48	1.945	.5141	
	2	11.69	2-1/2	18.925	25.00	36	1.440	.6944	
	2-1/2	17.01	2-1/2	19.175	25.33	30	1.184	.8445	
	3	17.36	2-1/2	19.377	25.33	24	0.947	1.0559	
69	1-1/2	8.82	2-1/2	18.750	25.00	48	1.920	.5208	
	2	11.85	2-1/2	19.175	25.33	36	1.421	.7037	
	2-1/2	17.24	2-1/2	19.432	25.67	30	1.168	.8561	
	3	17.59	2-1/2	19.637	25.67	24	0.934	1.0706	
70	1-1/2	8.94	2-1/2	18.997	25.33	48	1.894	.5279	
	2	12.01	2-1/2	19.432	25.67	36	1.402	.7132	
	2-1/2	17.46	2-1/2	19.682	26.00	30	1.153	.8673	
	3	17.82	2-1/2	19.890	26.00	24	0.023	1.0834	
71	1-1/2	9.06	2-1/2	19.252	25.67	48	1.869	.5350	
	2	12.16	2-1/2	19.682	26.00	36	1.384	.7225	
	2-1/2	17.68	2-1/2	19.932	26.33	30	1.139	.8779	
	3	18.05	2-1/2	20.142	26.33	24	0.911	1.0976	
72	1-1/2	9.18	2-1/2	19.500	26.00	48	1.846	.5417	
	2	12.32	2-1/2	19.932	26.33	36	1.367	.7315	
	2-1/2	17.91	2-1/2	20.189	26.67	30	1.124	.8896	
	3	18.28	2-1/2	20.403	26.67	24	0.899	1.1123	

Reciprocal of lineal feet per carton is useful in figuring the number of cartons necessary to insulate a given length of pipe.
Example: How many cartons are required to insulate 1000 lineal feet of 30" pipe to a 2-1/2" thickness? 1000 x .3889 = 388.9 or 389 cartons

LOAD FACTORS

Thickness	CL	TL	Thickness	CL	TL
1-1/2"	.16	.25	2-1/2"	.16	.24
2"	.16	.25	3"	.16	.25

UNR 006855

010690

"Distributed by Eagle-Picher under trade name Hylo®."

Prices

OWENS-CORNING FIBERGLAS

No. IN1.P15
Page 1 of 1
Date 1/1/1968

KAYLO & KAYLO-20 BLOCK INSULATION
List Prices

ZONES 1, 2, 3, & 4

Eff. with shipments 7/1/1968
Supersedes: 5/1/1967

DOMESTIC SALES

General Terms and Conditions of Sale apply to these products and are set forth on GL1.1.

SHIPPING TERMS: F.O.B. shipping point, freight allowed on seller's routing; additional transportation charges are extra.

PAYMENT TERMS: 1%, 10th Prox., in dollar amount shown on invoice; Net 30th Prox.

EXPORT SALES

Terms and Conditions of Sale, including Shipping and Payment Terms, are set forth on EX1.1.

Kaylo Block Insulation is a white, rigid, hydrous calcium silicate material designed for use as insulation on high temperature vessels and equipment up to 1200° F.

Kaylo-20 Block Insulation is a colored, rigid, hydrous calcium silicate for temperatures up to 1800° F. Available 2" Thick Only.

Standard Items are shown in Red.
Made-to-Order Items are shown in Black.

KAYLO AND KAYLO-20 ⊖ BLOCK INSULATIONS

Thickness	LIST* PRICE PER SQUARE FOOT 18" & 36" Lengths
1"	$ .30
1-1/4"	.38
1-1/2"	.45
2"	.60
2-1/2"	.75
3"	.90
3-1/2"	1.05
4"	1.20

*For Discounts see Discount Sheet IN1.D4 (Zones 1 & 2); or IN1.D4-P (Zones 3 & 4).

⊖ Serviced from Berlin Plant Only. Available Only 2" Thick.

PACKAGING DATA (SERVICED FROM BERLIN, N. J.)

Thickness	PIECES PER CARTON 18" Long 3x18	6x18	12x18	18x18	36" Long 3x36	6x36	12x36	18x36	SQ.FT./CTN. 3" &6" Wide	12" Wide	18" Wide	LBS./CTN. 3" &6" Wide	12" Wide	18" Wide	LOAD FACTORS CL	TL
1"	144	72	36	24	72	36	18	12	54	54	54	58	58	58	.16	.24
1-1/4"	120	60	30	20	60	39	15	110	45	45	45	58	58	58	.16	.24
1-1/2"	96	48	24	16	48	24	12	8	36	36	36	58	58	58	.16	.24
2"	72	36	18	12	36	18	9	6	27	27	27	58	58	58	.16	.24
2-1/2"	60	30	14	10	30	15	7	5	22.5	21	22.5	61	57	61	.16	.24
3"	48	24	12	8	24	12	6	4	18	18	18	58	58	58	.16	.24
3-1/2"	40	20	10	6	20	10	5	3	15	15	13.5	56	56	51	.16	.24
4"	36	18	8	6	18	9	4	3	13.5	12	13.5	58	52	58	.16	.24

PACKAGING DATA (SERVICED FROM EMORYVILLE, CALIF.)

Thickness	PIECES PER CARTON 36" Long 6"x 36"	12" x 36"	SQ. FT./CTN. 6"	12"	LBS./CTN. 6"	12"	LOAD FACTORS CL	TL
1"	36	-	54	-	60	-	.16	.25
1-1/2	24	12	36	36	60	60	.16	.25
2"	18	9	27	27	60	60	.16	.25
2-1/2"	14	7	21	21	60	60	.16	.24
3"	12	6	18	18	60	60	.16	.25
3-1/2"	10	5	15	15	66	66	.16	.24
4"	9	4	13.5	12	66	59	.16	.25

MINIMUM RELEASE QUANTITY:

ZONES 1 & 2 - One Carton
ZONES 3 & 4 - One Carton of any 1 item in a release of $200 net value or more of Kaylo Block.

UNR 006856

CAS: IN-G11, IN-G89
010691

OWENS-CORNING FIBERGLAS

Distributed by Eagle-Picher under

"Distributed by Eagle-Picher under trade name Hylo®."

OWENS-CORNING FIBERGLAS

Discounts

KAYLO AND KAYLO-20 PRODUCTS

Discounts to Industrial Distributor-Contractors

ZONES 1 & 2

No. IN1.D4
Date Issued 1/1/1968
Eff. with Shipments 7/1/1968
Supersedes
IN1.D4 (7/1/67)
IN1.D5 (7/1/67)
IN1.D15 (7/1/67)

GENERAL TERMS AND CONDITIONS OF SALE apply to these products and are set forth on GL1.1
DISCOUNTS given herein apply only to prices given in Price Sheets shown below.

DEFINITION OF TRADE CLASSIFICATION

DISTRIBUTOR-CONTRACTOR - Concerns, enfranchised by Owens-Corning Fiberglas Corporation, whose primary function is to buy, stock, sell, and promote industrial insulations, or who are equipped to apply, estimate, engineer, and write specifications for the application of industrial insulations.

KAYLO AND KAYLO-20 PIPE AND TUBE INSULATIONS

DISCOUNTS APPLICABLE TO PRICES SHOWN ON PRICE SHEET IN1.P4

INSULATION	JACKET	SECTIONAL SIZES 15" O.D. & Under Ø CL	SECTIONAL SIZES 15" O.D. & Under Ø LCL/LTL	SECTIONAL SIZES Over 15" O.D. Ø CL	SECTIONAL SIZES Over 15" O.D. Ø LCL/LTL	TRI., QUAD. CL	TRI., QUAD. LCL/LTL	K-SEG. CL	K-SEG. LCL/LTL
KAYLO	No Wrap	2	+11	+ 3	+16	3	+10	11	+ 2
	Canvas Standard	+ 1	+14	+12	+25	+ 6	+19	2	+11
	8 Ounce	+ 8	+21	+16	+29	+10	+23	+ 2	+15
	Asbestos 45 AFJ	+18	+31	+27	+40	+21	+34	+13	+26
KAYLO-20 ⊖	No Wrap	+23	+36	+28	+41	+22	+35	+14	+27

Ø O.D. is determined by adding twice the wall thickness to the pipe size.
FOR METAL BANDS, when requested, add +1 Point of Discount to the applicable discount shown above.
Available only on sizes 15" O.D. and Under.
UNLESS OTHERWISE SPECIFIED ON THE ORDER, ALL ITEMS WILL BE SUPPLIED WITHOUT BANDS.

⊖ Serviced from Berlin Plant Only. Available Only 2" Thick.

KAYLO BEVELED LAG

DISCOUNTS APPLICABLE TO PRICES SHOWN ON PRICE SHEET IN1.P5

	CL	LCL/LTL
KAYLO BEVELED LAG	10	+3

KAYLO AND KAYLO-20 BLOCK INSULATION

DISCOUNTS APPLICABLE TO PRICES SHOWN ON PRICE SHEET IN1.P15

	CL	LCL/LTL
KAYLO BLOCK	14	1
KAYLO-20 BLOCK ⊖	+11	+24

⊖ Serviced from Berlin Plant Only. Available Only 2" Thick.

CARLOAD QUANTITY: $5,000 Value at list prices or full visible carload whichever is less.

TRUCKLOAD QUANTITY: $3,000 Value at list prices or full visible truckload whichever is less. Customer will be billed for all additional charges due to shipment by other than seller's routing.

UNR 006857

ON RELEASES OF ONE FULL CARLOAD OR TRUCKLOAD, TO INSURE CL OR TL PRICING, CUSTOMER MUST SPECIFY ONE ITEM TO BE INCREASED OR DECREASED TO FILL VEHICLE TO CAPACITY.

Releases in excess of one full carload or truckload do not require a variable item and the excess will be shipped seller's routing and invoiced at the same level as the full vehicle.

010692

OWENS-CORNING FIBERGLAS

*Trademark of Owens-Corning Fiberglas Corporation

Distributed By Eagle-Picher under trade name HYLO ®

Prices

OWENS-CORNING FIBERGLAS

KAYLO & KAYLO-20 PIPE AND TUBE INSULATION
Discounts to Industrial & Marine Distributor-Contractors.
ZONES 1 & 2

No. IN1.D4
Date Issued May 1, 1967
Date Effective 7/1/67
Supersedes 5/31/66

General Terms and Conditions of Sale apply to these products and are set forth on GL1.1; for Export Sales, see EX1.1. DISCOUNTS given herein apply only to prices given in price sheet IN1.P4.

DEFINITION OF TRADE CLASSIFICATION

DISTRIBUTOR-CONTRACTOR - Concerns, enfranchised by Owens-Corning Fiberglas Corporation, whose primary function is to buy, stock, sell, and promote industrial insulations, or who are equipped to apply, estimate, engineer, and write specifications for the application of industrial insulations.

DISCOUNTS FOR PIPE AND TUBE INSULATION

	KAYLO								KAYLO - 20							
	SECTIONAL SIZES				Tri, Quad		K-Seg		SECTIONAL SIZES				Tri, Quad		K-Seg	
	15" O. D. & Under †		Over 15" O.D. †						15" O.D. & Under †		Over 15" O.D. †					
JACKET	CL	LCL	CL	LCL	CL	LCL	CL	LCL	CL	LCL	CL	LCL	CL	LCL	CL	LCL
No Jacket	3	+10	+2	+15	4	+9	12	+1	+15	+28	+20	+33	+14	+27	+6	+19
Canvas																
Standard	3	+10	+8	+21	+2	+15	6	+7	+15	+28	+26	+39	+20	+33	+12	+25
4 Ounce	1	+12	+10	+23	+4	+17	4	+9	+17	+30	+28	+41	+22	+35	+14	+27
6 Ounce	+4	+17	+12	+25	+6	+19	2	+11	+22	+35	+30	+43	+24	+37	+16	+29
8 Ounce	+6	+19	+14	+27	+8	+21	0	+13	+24	+37	+32	+45	+26	+39	+18	+31
Vapor Barrier																
Dual Temp	+3	+16	+14	+27	+8	+21	0	+13	+21	+34	+32	+45	+26	+39	+18	+31
Waterproof Jackets																
45WPJ	+12	+25	+21	+34	+15	+28	+7	+20	+30	+43	+39	+52	+33	+46	+25	+38
55WPJ	+14	+27	+23	+36	+17	+30	+9	+22	+32	+45	+41	+54	+35	+48	+27	+40
Asbestos Jackets																
45 AFJ	+14	+27	+23	+36	+17	+30	+9	+22	+32	+45	+41	+54	+35	+48	+27	+40

† O. D. is determined by adding twice the wall thickness to the pipe size.

UNLESS OTHERWISE SPECIFIED ON THE ORDER, ALL PRODUCTS WILL BE SHIPPED WITHOUT BANDS.

For Metal Bands, when requested, ADD +1 Point of Discount to the applicable discount shown above. Available only on sizes 16" O. D. and under.

For Weather-Resistant Cartong, W6-C, ADD +2 Points of Discount to the applicable discount shown above.

CARLOAD QUANTITY: $5,000 Value at list prices or full visible carload whichever is less.

UNR 006858

TRUCKLOAD QUANTITY: $3,000 Value at list prices or full visible truckload whichever is less. Customer will be billed for all additional charges due to shipment by other than seller's routing.

ON RELEASES OF ONE FULL CARLOAD OR TRUCKLOAD, TO INSURE CL OR TL PRICING, CUSTOMER MUST SPECIFY ONE ITEM TO BE INCREASED OR DECREASED TO FILL VEHICLE TO CAPACITY.

Releases in excess of one full carload or truckload do not require a variable item and the excess will be shipped seller's routing and invoiced at the same level as the full vehicle.

010693

OWENS-CORNING FIBERGLAS

*Trademark of Owens-Corning Fiberglas Corporation

Distributed By Eagle-Picher under trade name HYLO ®

Prices

OWENS-CORNING FIBERGLAS

KAYLO & KAYLO-20 BEVELED LAGS
List Prices

ZONES 1, 2, 3, & 4

No. IN1.P5
Page 1 of 6
Date May 1, 1967
Supersedes
IN1.P5 (3/4/63)
IN1.P5-PCD (1/31/63)

DOMESTIC SALES

General Terms and Conditions of Sale apply to these products and are set forth on GL1.1.
SHIPPING TERMS: F.O.B. shipping point, freight allowed on seller's routing; additional transportation charges are extra.
PAYMENT TERMS: 1%, 10th Prox., in dollar amount shown on invoice; Net 30th Prox.

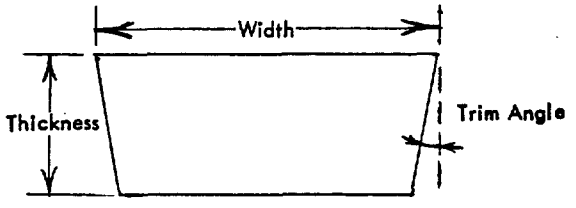
EXPORT SALES

Terms and Conditions of Sale, including Shipping and Payment Terms, are set forth on EX1.1.

Kaylo Beveled Lags are white, rigid, hydrous calcium silicate material beveled as illustrated to permit use as insulation on large sizes of heated piping up to 1200°F.

Kaylo-20 Beveled Lags are colored, rigid, hydrous calcium silicate designed for use as insulation on pipes and tubing operating up to 1800°F.

ALL ITEMS ARE MADE-TO-ORDER



DISCOUNTS: For Discounts see Discount Sheet IN1.D5 (Zones 1 & 2); IN1.D5-P (Zones 3 & 4).

MINIMUM RELEASE QUANTITY: One Carton.

CAS: IN-G11, IN-G89
Catalog: IN68, IN69

UNR 006859

010694

OWENS-CORNING FIBERGLAS

*Trademark of Owens-Corning Fiberglas Corporation

KAYLO BEVELED LAGS

Nominal Pipe Size (Inches)	Thickness (Inches)	LIST PRICES per Lineal Foot	PRODUCT AND PACKAGING DATA						
			Trim Angle (Degrees)	Sq. Ft. of Block per Lineal Foot	No. Lags Required per L.F. of pipe	No. Lags Per Carton	Lineal Feet per Carton	Reciprocal of Lineal Feet per Carton	Weight per Carton (pounds)
18	1-1/2	$2.60	9	5.523	7.00	48	6.857	.1458	52
	2	3.60	9	5.905	7.33	36	4.911	.2036	51
	2-1/2	4.60	8	6.231	7.67	30	3.911	.2556	52
	3	5.60	8	6.350	7.67	24	3.129	.3195	50
	3-1/2	6.75	8	6.750	8.00	20	2.500	.4000	52
	4	7.85	8	6.874	8.00	18	2.250	.4444	54
19	1-1/2	2.75	8	5.740	7.33	48	6.548	.1527	52
	2	3.80	8	6.120	7.67	36	4.694	.2130	51
	2-1/2	4.80	8	6.500	8.00	30	3.750	.2666	52
	3	5.80	8	6.624	8.00	24	3.000	.3333	50
	3-1/2	7.00	8	7.028	8.33	20	2.401	.4165	52
	4	8.15	8	7.158	8.33	18	2.161	.4627	54
20	1-1/2	2.85	8	6.007	7.67	48	6.258	.1597	53
	2	4.00	8	6.384	8.00	36	4.500	.2222	52
	2-1/2	5.00	8	6.768	8.33	30	3.601	.2777	52
	3	6.00	8	6.897	8.33	24	2.881	.3471	50
	3-1/2	7.25	8	7.135	8.67	20	2.306	.4337	52
	4	8.45	8	7.450	8.67	18	2.076	.4817	54
21	1-1/2	3.00	8	6.265	8.00	48	6.000	.1666	53
	2	4.15	8	6.647	8.33	36	4.321	.2314	52
	2-1/2	5.20	8	7.044	8.67	30	3.460	.2890	52
	3	6.25	7	7.079	8.67	24	2.768	.3612	51
	3-1/2	7.50	7	7.452	9.00	20	2.222	.4500	53
	4	8.75	7	7.593	9.00	18	2.000	.5000	55
22	1-1/2	3.10	7	6.738	8.67	48	5.536	.1806	53
	2	4.30	7	6.851	8.67	36	4.152	.2408	52
	2-1/2	5.40	7	7.228	9.00	30	3.333	.3000	53
	3	6.50	7	7.348	9.00	24	2.666	.3750	51
	3-1/2	7.80	7	7.725	9.33	20	2.143	.4666	53
	4	9.10	7	7.872	9.33	18	1.929	.5184	55
23	1-1/2	3.20	7	6.994	9.00	48	5.333	.1875	53
	2	4.40	7	7.111	9.00	36	4.000	.2500	52
	2-1/2	5.50	7	7.493	9.33	30	3.215	.3110	53
	3	6.75	7	7.617	9.33	24	2.572	.3888	51
	3-1/2	8.05	7	8.007	9.67	20	2.068	.4836	53
	4	9.40	7	8.159	9.67	18	1.861	.5373	55
24	1-1/2	3.30	7	7.251	9.33	48	5.144	.1944	53
	2	4.50	7	7.372	9.33	36	3.858	.2592	52
	2-1/2	5.75	7	7.766	9.67	30	3.102	.3223	53
	3	7.00	7	7.895	9.67	24	2.481	.4030	51
	3-1/2	8.30	7	8.280	10.00	20	2.000	.5000	53
	4	9.65	7	8.438	10.00	18	1.800	.5556	55
25	1-1/2	3.55	7	7.515	9.67	48	4.963	.2014	53
	2	4.85	7	7.642	9.67	36	3.722	.2686	52
	2-1/2	6.20	7	9.032	10.00	30	3.000	.3333	53
	3	7.50	6	8.312	10.33	24	2.325	.4301	52
	3-1/2	8.90	6	8.432	10.33	20	1.936	.5165	54
	4	10.30	6	8.835	10.67	18	1.686	.5931	56
26	1-1/2	3.55	6	7.715	10.00	48	4.800	.2083	54
	2	4.85	6	7.825	10.00	36	3.600	.2777	53
	2-1/2	6.20	6	8.196	10.33	30	2.904	.3443	54
	3	7.50	6	8.586	10.67	24	2.249	.4446	52
	3-1/2	8.90	6	8.709	10.67	20	1.874	.5336	54
	4	10.30	6	9.108	11.00	18	1.636	.6112	56
27	1-1/2	3.65	6	7.969	10.33	48	4.646	.2152	54
	2	5.05	6	8.083	10.33	36	3.484	.2870	53
	2-1/2	6.40	6	8.466	10.67	30	2.812	.3556	54
	3	7.70	6	8.851	11.00	24	2.181	.4585	52
	3-1/2	9.15	6	8.979	11.00	20	1.818	.5501	54
	4	10.65	6	9.381	11.33	18	1.588	.6297	56

Reciprocal of lineal feet per carton is useful in figuring the number of cartons necessary to insulate a given length of pipe.
Example: How many cartons are required to insulate 1000 lineal feet of 30" pipe to a 2-1/2" thickness? 1000 x .3889 = 388.9 or 389 cartons

LOAD FACTORS

Thickness	CL	TL	Thickness	CL	TL	Thickness	CL	TL
1-1/2"	.16	.25	2-1/2"	.16	.24	3-1/2"	.16	.29
2"	.16	.25	3"	.16	.25	4"	.16	.25

UNR 006860

010695

Distributed By Eagle-Picher under trade name HYLO ®

KAYLO BEVELED LAGS

Nominal Pipe Size (Inches)	Thickness (Inches)	LIST PRICES per Lineal Foot	PRODUCT AND PACKAGING DATA						
			Trim Angle (Degrees)	Sq. Ft. of Block per Lineal Foot	No. Lags Required per L.F. of pipe	No. Lags Per Carton	Lineal Feet per Carton	Reciprocal of Lineal Feet per Carton	Weight per Carton (pounds)
28	1-1/2	$3.75	6	8.231	10.67	48	4.498	.2223	54
	2	5.15	6	8.607	11.00	36	3.272	.3056	53
	2-1/2	6.65	6	8.728	11.00	30	2.727	.3667	54
	3	7.95	6	9.117	11.33	24	2.118	.4721	52
	3-1/2	9.45	6	9.248	11.33	20	1.765	.5666	54
	4	11.00	6	9.663	11.67	18	1.542	.6485	56
29	1-1/2	4.00	6	8.486	11.00	48	4.363	.2292	54
	2	5.50	6	8.865	11.33	36	3.177	.3147	53
	2-1/2	6.95	6	8.990	11.33	30	2.648	.3776	54
	3	8.40	6	9.390	11.67	24	2.056	.4863	52
	3-1/2	10.05	6	9.526	11.67	20	1.713	.5838	54
	4	11.65	6	9.936	12.00	18	1.500	.6667	56
30	1-1/2	4.00	6	8.741	11.33	48	4.236	.2360	54
	2	5.50	6	9.131	11.67	36	3.084	.3242	53
	2-1/2	6.95	6	9.260	11.67	30	2.571	.3889	54
	3	8.40	6	9.656	12.00	24	2.000	.5000	52
	3-1/2	10.05	6	9.795	12.00	20	1.666	.6002	54
	4	11.65	6	10.209	12.33	18	1.459	.6854	56
31	1-1/2	4.30	6	9.003	11.67	48	4.113	.2431	54
	2	5.90	6	9.390	12.00	36	3.000	.3333	53
	2-1/2	7.40	6	9.522	12.00	30	2.500	.4000	54
	3	9.10	5	9.777	12.33	24	1.946	.5138	53
	3-1/2	10.70	5	10.146	12.67	20	1.578	.6337	55
	4	12.40	5	10.294	12.67	18	1.420	.7042	57
32	1-1/2	4.30	5	9.186	12.00	48	4.000	.2500	54
	2	5.90	5	9.552	12.33	36	2.919	.3425	54
	2-1/2	7.40	5	9.666	12.33	30	2.433	.4110	55
	3	9.10	5	10.047	12.67	24	1.894	.5279	53
	3-1/2	10.70	5	10.410	13.00	20	1.538	.6502	55
	4	12.40	5	10.562	13.00	18	1.384	.7225	57
33	1-1/2	4.40	5	9.438	12.33	48	3.892	.2569	54
	2	6.05	5	9.815	12.67	36	2.841	.3519	54
	2-1/2	7.60	5	9.933	12.67	30	2.368	.4222	55
	3	9.20	5	10.309	13.00	24	1.846	.5417	53
	3-1/2	10.95	5	10.674	13.33	20	1.500	.6667	55
	4	12.70	5	10.831	13.33	18	1.350	.7407	57
34	1-1/2	4.55	5	9.698	12.67	48	3.788	.2639	54
	2	6.25	5	10.071	13.00	36	2.769	.3611	54
	2-1/2	7.80	5	10.192	13.00	30	2.308	.4345	55
	3	9.50	5	10.570	13.33	24	1.800	.5555	53
	3-1/2	11.30	5	10.946	13.67	20	1.463	.6835	55
	4	13.10	5	11.107	13.67	18	1.316	.7599	57
35	1-1/2	4.80	5	9.951	13.00	48	3.692	.2708	54
	2	6.55	5	10.326	13.33	36	2.700	.3703	54
	2-1/2	8.20	5	10.450	13.33	30	2.251	.4442	55
	3	9.95	5	10.840	13.67	24	1.755	.5698	53
	3-1/2	11.80	5	11.211	14.00	20	1.428	.7003	55
	4	13.65	5	11.375	14.00	18	1.285	.7782	57
36	1-1/2	4.80	5	10.204	13.33	48	3.601	.2777	54
	2	6.55	5	10.590	13.67	36	2.633	.3797	54
	2-1/2	8.20	5	10.717	13.67	30	2.195	.4555	55
	3	9.95	5	11.102	14.00	24	1.714	.5834	53
	3-1/2	11.80	5	11.475	14.33	20	1.395	.7168	55
	4	13.65	5	11.643	14.33	18	1.256	.7962	57

Reciprocal of lineal feet per carton is useful in figuring the number of cartons necessary to insulate a given length of pipe.
Example: How many cartons are required to insulate 1000 lineal feet of 30" pipe to a 2-1/2" thickness? 1000 x .3889 = 388.9 or 389 cartons

LOAD FACTORS

Thickness	CL	TL	Thickness	CL	TL	Thickness	CL	TL
1-1/2"	.16	.25	2-1/2"	.16	.24	3-1/2"	.16	.29
2"	.16	.25	3"	.16	.25	4"	.16	.25

UNR 006861

010C96

KAYLO BEVELED LAGS

Nominal Pipe Size (Inches)	Thickness (Inches)	LIST PRICES per Lineal Foot	PRODUCT AND PACKAGING DATA						
			Trim Angle (Degrees)	Sq. Ft. of Block per Lineal Foot	No. Lags Required per L.F. of Pipe	No. Lags Per Carton	Lineal Feet Per Carton	Reciprocal of Lineal Feet per Carton	Weight per Carton (pounds)
37	1-1/2	$4.94	3-1/2	10.500	14.00	48	3.428	.2917	
	2	6.70	3-1/2	10.847	14.33	36	2.512	.3980	
	2-1/2	9.72	3-1/2	10.962	14.33	30	2.093	.4777	
	3	10.16	3-1/2	11.340	14.67	24	1.635	.6116	
38	1-1/2	5.06	3-1/2	10.747	14.33	48	3.350	.2985	
	2	6.86	3-1/2	11.105	14.67	36	2.454	.4075	
	2-1/2	9.95	3-1/2	11.222	14.67	30	2.045	.4889	
	3	10.39	3-1/2	11.595	15.00	24	1.600	.6250	
39	1-1/2	5.18	3-1/2	11.002	14.67	48	3.271	.3057	
	2	7.02	3-1/2	11.355	15.00	36	2.400	.4166	
	2-1/2	10.18	3-1/2	11.475	15.00	30	2.000	.5000	
	3	10.62	3-1/2	11.850	15.33	24	1.565	.6389	
40	1-1/2	5.29	3-1/2	11.250	15.00	48	3.200	.3125	
	2	7.17	3-1/2	11.605	15.33	36	2.348	.4258	
	2-1/2	10.40	3-1/2	11.727	15.33	30	1.956	.5112	
	3	10.85	3-1/2	12.113	15.67	24	1.531	.6531	
41	1-1/2	5.41	3-1/2	11.497	15.33	48	3.131	.3193	
	2	7.33	3-1/2	11.862	15.67	36	2.297	.4353	
	2-1/2	10.63	3-1/2	11.987	15.67	30	1.914	.5224	
	3	11.08	3-1/2	12.368	16.00	24	1.500	.6666	
42	1-1/2	5.53	3-1/2	11.752	15.67	48	3.063	.3264	
	2	7.49	3-1/2	12.112	16.00	36	2.250	.4444	
	2-1/2	10.86	3-1/2	12.240	16.00	30	1.875	.5333	
	3	11.31	3-1/2	12.623	16.33	24	1.469	.6807	
43	1-1/2	5.65	3-1/2	12.000	16.00	48	3.000	.3333	
	2	7.64	3-1/2	12.362	16.33	36	2.204	.4544	
	2-1/2	11.08	3-1/2	12.492	16.33	30	1.837	.5443	
	3	11.55	3-1/2	12.886	16.67	24	1.439	.6949	
44	1-1/2	5.76	3-1/2	12.247	16.33	48	2.939	.3402	
	2	7.80	3-1/2	12.619	16.67	36	2.159	.4631	
	2-1/2	11.31	3-1/2	12.752	16.67	30	1.799	.5558	
	3	11.77	3-1/2	13.141	17.00	24	1.411	.7087	
45	1-1/2	5.88	3-1/2	12.502	16.67	48	2.879	.3473	
	2	7.95	3-1/2	12.869	17.00	36	2.117	.4723	
	2-1/2	11.54	3-1/2	13.005	17.00	30	1.764	.5668	
	3	12.00	3-1/2	13.396	17.33	24	1.384	.7225	
46	1-1/2	6.00	3-1/2	12.750	17.00	48	2.823	.3542	
	2	8.11	3-1/2	13.119	17.33	36	2.077	.4814	
	2-1/2	11.99	3-1/2	13.517	17.67	30	1.697	.5892	
	3	12.24	3-1/2	13.659	17.67	24	1.358	.7363	
47	1-1/2	6.11	3-1/2	12.997	17.33	48	2.769	.3611	
	2	8.27	3-1/2	13.376	17.67	36	2.037	.4909	
	1-1/2	12.21	3-1/2	13.770	18.00	30	1.666	.6002	
	3	12.47	3-1/2	13.914	18.00	24	1.333	.7501	
48	1-1/2	6.23	3-1/2	13.252	17.67	48	2.716	.3681	
	2	8.42	3-1/2	13.626	18.00	36	2.000	.5000	
	2-1/2	12.44	3-1/2	14.022	18.33	30	1.636	.6112	
	3	12.69	3-1/2	14.169	18.33	24	1.309	.7639	
49	1-1/2	6.35	3-1/2	13.500	18.00	48	2.666	.4838	
	2	8.57	3-1/2	13.876	18.33	36	1.963	.5094	
	2-1/2	12.67	3-1/2	14.282	18.67	30	1.606	.6226	
	3	12.93	3-1/2	14.432	18.67	24	1.285	.7782	
50	1-1/2	6.47	3-1/2	13.747	18.33	48	2.618	.4612	
	2	8.73	3-1/2	14.133	18.67	36	1.928	.5186	
	2-1/2	12.89	3-1/2	14.535	19.00	30	1.578	.6337	
	3	13.16	3-1/2	14.687	19.00	24	1.263	.7917	

Reciprocal of lineal feet per carton is useful in figuring the number of cartons necessary to insulate a given length of pipe.
Example: How many cartons are required to insulate 1000 lineal feet of 30" pipe to a 2-1/2" thickness? 1000 x .3889 = 388.9 or 389 cartons

LOAD FACTORS

Thickness	CL	TL	Thickness	CL	TL
1-1/2"	.16	.25	2-1/2"	.16	.24
2"	.16	.25	3"	.16	.25

UNR 006862

010697

Distributed By Eagle-Picher under trade name HYLO ®

KAYLO BEVELED LAGS

Nominal Pipe Size (Inches)	Thickness (Inches)	LIST PRICES per Lineal Foot	PRODUCT AND PACKAGING DATA						
			Trim Angle (Degrees)	Sq. Ft. of Block per Lineal Foot	No. Lags Required per L.F. of Pipe	No. Lags Per Carton	Lineal Feet Per Carton	Reciprocal of Lineal Feet per Carton	Weight per Carton (pounds)
51	1-1/2	$6.59	3-1/2	14.003	18.67	48	2.570	.3891	
	2	8.89	3-1/2	14.383	19.00	36	1.894	.5279	
	2-1/2	13.12	3-1/2	14.787	19.33	30	1.551	.6447	
	3	13.39	3-1/2	14.942	19.33	24	1.241	.8058	
52	1-1/2	6.70	3-1/2	14.250	19.00	48	2.526	.3958	
	2	9.04	3-1/2	14.633	19.33	36	1.862	.5370	
	2-1/2	13.35	3-1/2	15.047	19.67	30	1.525	.6557	
	3	13.71	3-1/2	15.300	20.00	24	1.200	.8333	
53	1-1/2	6.82	3-1/2	14.497	19.33	48	2.483	.4027	
	2	9.06	3-1/2	14.658	19.67	36	1.830	.5464	
	2-1/2	13.43	3-1/2	15.140	20.00	30	1.500	.6666	
	3	13.93	2-1/2	15.552	20.33	24	1.180	.8474	
54	1-1/2	6.94	3-1/2	14.752	19.67	48	2.440	.4098	
	2	9.36	2-1/2	15.140	20.00	36	1.800	.5555	
	2-1/2	13.65	2-1/2	15.389	20.33	30	1.475	.6779	
	3	13.93	2-1/2	15.552	20.33	24	1.180	.8474	
55	1-1/2	7.06	2-1/2	15.000	20.00	48	2.400	.4166	
	2	9.51	2-1/2	15.389	20.33	36	1.770	.5649	
	2-1/2	13.88	2-1/2	15.647	20.67	30	1.451	.6891	
	3	14.17	2-1/2	15.812	20.67	24	1.161	.8613	
56	1-1/2	7.29	2-1/2	15.502	20.67	48	2.322	.4306	
	2	9.67	2-1/2	15.647	20.67	36	1.741	.5743	
	2-1/2	14.10	2-1/2	15.897	21.00	30	1.428	.7002	
	3	14.62	2-1/2	16.317	21.33	24	1.125	.8888	
57	1-1/2	7.41	2-1/2	15.750	21.00	48	2.285	.4376	
	2	9.82	2-1/2	15.897	21.00	36	1.714	.5834	
	2-1/2	14.32	2-1/2	16.146	21.33	30	1.406	.7112	
	3	14.85	2-1/2	16.577	21.67	24	1.107	.9033	
58	1-1/2	7.53	2-1/2	15.997	21.33	48	2.250	.4444	
	2	9.98	2-1/2	16.146	21.33	36	1.687	.5927	
	2-1/2	14.55	2-1/2	16.404	21.67	30	1.384	.7225	
	3	15.08	2-1/2	16.830	22.00	24	1.090	.9174	
59	1-1/2	7.65	2-1/2	16.252	21.67	48	2.215	.4514	
	2	10.14	2-1/2	16.404	21.67	36	1.661	.6020	
	2-1/2	14.77	2-1/2	16.654	22.00	30	1.363	.7336	
	3	15.30	2-1/2	17.082	22.33	24	1.074	.9310	
60	1-1/2	7.76	2-1/2	16.500	22.00	48	2.181	.4585	
	2	10.29	2-1/2	16.654	22.00	36	1.636	.6112	
	2-1/2	14.99	2-1/2	16.904	22.33	30	1.343	.7446	
	3	15.54	2-1/2	17.342	22.67	24	1.058	.9451	
61	1-1/2	7.88	2-1/2	16.747	22.33	48	2.149	.4653	
	2	10.61	2-1/2	17.161	22.67	36	1.588	.6297	
	2-1/2	15.44	2-1/2	17.411	23.00	30	1.304	.7668	
	3	15.76	2-1/2	17.595	23.00	24	1.043	.9587	
62	1-1/2	7.99	2-1/2	17.002	22.67	48	2.117	.4723	
	2	10.76	2-1/2	17.411	23.00	36	1.565	.6389	
	2-1/2	15.67	2-1/2	17.661	23.33	30	1.285	.7782	
	3	15.99	2-1/2	17.847	23.33	24	1.028	.9727	
63	1-1/2	8.11	2-1/2	17.250	23.00	48	2.086	.4793	
	2	10.91	2-1/2	17.661	23.33	36	1.543	.6480	
	2-1/2	15.89	2-1/2	17.918	23.67	30	1.267	.7892	
	3	16.22	2-1/2	18.107	23.67	24	1.033	.9871	

Reciprocal of lineal feet per carton is useful in figuring the number of cartons necessary to insulate a given length of pipe.
Example: How many cartons are required to insulate 1000 lineal feet of 30" pipe to a 2-1/2" thickness? 1000 x .3889 = 388.9 or 389 cartons

LOAD FACTORS

Thickness	CL	TL	Thickness	CL	TL
1-1/2"	.16	.25	2-1/2"	.16	.24
2"	.16	.25	3"	.16	.25

UNR 006863

010698

KAYLO BEVELED LAGS

Nominal Pipe Size (Inches)	Thickness (Inches)	LIST PRICES per Lineal Foot	PRODUCT AND PACKAGING DATA						
			Trim Angle (Degrees)	Sq. Ft. of Block per Lineal Foot	No. Lags Required per L.F. of Pipe	No. Lags Per Carton	Lineal Feet Per Carton	Reciprocal of Lineal Feet per Carton	Weight per Carton (pounds)
64	1-1/2	$ 8.23	2-1/2	17.497	23.33	48	2.057	.4861	
	2	11.07	2-1/2	17.918	23.67	36	1.520	.6578	
	2-1/2	16.11	2-1/2	18.168	24.00	30	1.250	.8000	
	3	16.45	2-1/2	18.360	24.00	24	1.000	1.0000	
65	1-1/2	8.35	2-1/2	17.752	23.67	48	2.027	.4933	
	2	11.23	2-1/2	18.168	24.00	36	1.500	.6666	
	2-1/2	16.34	2-1/2	18.418	24.33	30	1.233	.8110	
	3	16.68	2-1/2	18.612	24.33	24	.0986	1.0141	
66	1-1/2	8.47	2-1/2	18.000	24.00	48	2.000	.5000	
	2	11.38	2-1/2	18.418	24.33	36	1.479	.6761	
	2-1/2	16.56	2-1/2	18.675	24.67	30	1.216	.8223	
	3	16.91	2-1/2	18.872	24.67	24	.0972	1.0288	
67	1-1/2	8.58	2-1/2	18.247	24.33	48	1.972	.5070	
	2	11.54	2-1/2	18.675	24.67	36	1.459	.6854	
	2-1/2	16.79	2-1/2	18.925	25.00	30	1.200	.8333	
	3	17.13	2-1/2	19.125	25.00	24	0.960	1.0416	
68	1-1/2	8.70	2-1/2	18.502	24.67	48	1.945	.5141	
	2	11.69	2-1/2	18.925	25.00	36	1.440	.6944	
	2-1/2	17.01	2-1/2	19.175	25.33	30	1.184	.8445	
	3	17.36	2-1/2	19.377	25.33	24	0.947	1.0559	
69	1-1/2	8.82	2-1/2	18.750	25.00	48	1.920	.5208	
	2	11.85	2-1/2	19.175	25.33	36	1.421	.7037	
	2-1/2	17.24	2-1/2	19.432	25.67	30	1.168	.8561	
	3	17.59	2-1/2	19.637	25.67	24	0.934	1.0706	
70	1-1/2	8.94	2-1/2	18.997	25.33	48	1.894	.5279	
	2	12.01	2-1/2	19.432	25.67	36	1.402	.7132	
	2-1/2	17.46	2-1/2	19.682	26.00	30	1.153	.8673	
	3	17.82	2-1/2	19.890	26.00	24	0.023	1.0834	
71	1-1/2	9.06	2-1/2	19.252	25.67	48	1.869	.5350	
	2	12.16	2-1/2	19.682	26.00	36	1.384	.7225	
	2-1/2	17.68	2-1/2	19.932	26.33	30	1.139	.8779	
	3	18.05	2-1/2	20.142	26.33	24	0.911	1.0976	
72	1-1/2	9.18	2-1/2	19.500	26.00	48	1.846	.5417	
	2	12.32	2-1/2	19.932	26.33	36	1.367	.7315	
	2-1/2	17.91	2-1/2	20.189	26.67	30	1.124	.8896	
	3	18.28	2-1/2	20.403	26.67	24	0.899	1.1123	

Reciprocal of lineal feet per carton is useful in figuring the number of cartons necessary to insulate a given length of pipe.
Example: How many cartons are required to insulate 1000 lineal feet of 30" pipe to a 2-1/2" thickness? 1000 x .3889 = 388.9 or 389 cartons

LOAD FACTORS

Thickness	CL	TL	Thickness	CL	TL
1-1/2"	.16	.25	2-1/2"	.16	.24
2"	.16	.25	3"	.16	.25

UNR 006864