



ITW INSULATION SYSTEMS

Pipe Insulation and Aluminum Jacketing

PIPE INSULATION

■ Temp. range: -297° to 300°F
EPDM rubber-based elastomeric material is flexible, lightweight, UV resistant, and requires no outdoor weather protection. Insulation is noncorrosive to copper or stainless steel, requires no vapor barrier, and is paintable. Can be used on hot liquid heating systems, cold water plumbing, and chilled water and refrigeration lines to control condensation formation. Meets ASTM C534, C692, D635, E84, and E96.

JACKETING ALUMINUM ELBOWS

Help protect insulation and underlying pipe or vessel from corrosive atmospheres, physical damage, UV exposure, and water. Feature a 3-mil thick polysurlyn moisture barrier laminated to the inside surface to help prevent corrosion of the underlying metal pipe. Suitable for standard outdoor use on horizontal tanks, pipe, and vertical tank insulation systems. Meets ASTM C1371, C1729, and E84.

INSULATED PIPE JACKET

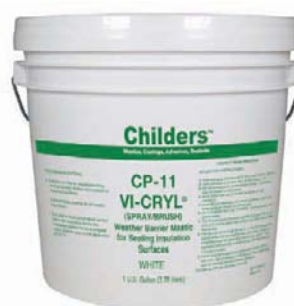
Aluminum material helps protect mechanical insulation systems including equipment, pipe, and vessels. Features a 3-mil thick polysurlyn moisture barrier laminated to the inside surface to help prevent corrosion of the jacketing and the underlying equipment, metal pipe, or vessel. Ideal for use on all standard outdoor pipe, vertical tank insulation systems up to 8-ft. dia., and all horizontal tanks. Meets ASTM C1371, C1729, and E84.



19NF19



19NF02



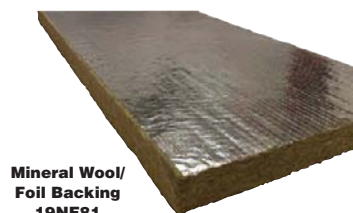
19NF32

Insulation Nominal I.D.	Brand	Insulation Approx. R Value											
		1.53 Wall Thickness - Insulation			2.04 Wall Thickness - Insulation			3.06 Wall Thickness - Insulation			4.08 Wall Thickness - Insulation		
		Insulation Length	Thickness	Item No.	Insulation Length	Thickness	Item No.	Insulation Length	Thickness	Item No.	Insulation Length	Thickness	Item No.
Pipe Insulation													
1/4 in	Aeroflex	6 ft	3/8 in	19NF34	6 ft	1/2 in	19NF53	6 ft	3/4 in	19NF77	6 ft	1 in	19NG02
3/8 in	Aeroflex	6 ft	3/8 in	19NF35	6 ft	1/2 in	19NF54	6 ft	3/4 in	19NF78	6 ft	1 in	19NG03
1/2 in	Aeroflex	6 ft	3/8 in	19NF36	6 ft	1/2 in	19NF55	6 ft	3/4 in	19NF79	6 ft	1 in	19NG04
5/8 in	Aeroflex	6 ft	3/8 in	19NF37	6 ft	1/2 in	19NF56	6 ft	3/4 in	19NF80	6 ft	1 in	19NG05
3/4 in	Aeroflex	6 ft	3/8 in	19NF38	6 ft	1/2 in	19NF57	6 ft	3/4 in	19NF81	6 ft	1 in	19NG06
7/8 in	Aeroflex	6 ft	3/8 in	19NF39	6 ft	1/2 in	19NF58	6 ft	3/4 in	19NF82	6 ft	1 in	19NG07
1 1/4 in	Aeroflex	6 ft	3/8 in	19NF40	6 ft	1/2 in	19NF59	6 ft	3/4 in	19NF83	6 ft	1 in	19NG08
1 3/8 in	Aeroflex	6 ft	3/8 in	19NF41	6 ft	1/2 in	19NF60	6 ft	3/4 in	19NF84	6 ft	1 in	19NG09
1 1/2 in	Aeroflex	6 ft	3/8 in	19NF42	6 ft	1/2 in	19NF61	6 ft	3/4 in	19NF85	6 ft	1 in	19NG10
1 3/4 in	Aeroflex	6 ft	3/8 in	19NF43	6 ft	1/2 in	19NF62	6 ft	3/4 in	19NF86	6 ft	1 in	19NG11
2 1/8 in	Aeroflex	6 ft	3/8 in	19NF44	6 ft	1/2 in	19NF63	6 ft	3/4 in	19NF87	6 ft	1 in	19NG12
2 3/8 in	Aeroflex	6 ft	3/8 in	19NF45	6 ft	1/2 in	19NF64	6 ft	3/4 in	19NF88	6 ft	1 in	19NG13
2 1/2 in	Aeroflex	6 ft	3/8 in	19NF46	6 ft	1/2 in	19NF65	6 ft	3/4 in	19NF89	6 ft	1 in	19NG14
2 3/4 in	Aeroflex	6 ft	3/8 in	19NF47	6 ft	1/2 in	19NF66	6 ft	3/4 in	19NF90	6 ft	1 in	19NG15
3 1/8 in	Aeroflex	6 ft	3/8 in	19NF48	6 ft	1/2 in	19NF67	6 ft	3/4 in	19NF91	6 ft	1 in	19NG16
3 1/2 in	Aeroflex	6 ft	3/8 in	19NF49	6 ft	1/2 in	19NF68	6 ft	3/4 in	19NF92	6 ft	1 in	19NG17
3 3/8 in	Aeroflex	6 ft	3/8 in	19NF50	6 ft	1/2 in	19NF69	6 ft	3/4 in	19NF93	6 ft	1 in	19NG18
4 1/8 in	Aeroflex	6 ft	3/8 in	19NF51	6 ft	1/2 in	19NF70	6 ft	3/4 in	19NF94	6 ft	1 in	19NG19
4 1/2 in	Aeroflex	6 ft	3/8 in	19NF52	6 ft	1/2 in	19NF71	6 ft	3/4 in	19NF95	6 ft	1 in	19NG20
5 1/2 in	Aeroflex	—	—	—	6 ft	1/2 in	19NF72	6 ft	3/4 in	19NF96	6 ft	1 in	19NG21
6 1/8 in	Aeroflex	—	—	—	6 ft	1/2 in	19NF73	6 ft	3/4 in	19NF97	6 ft	1 in	19NG22
6 3/8 in	Aeroflex	—	—	—	6 ft	1/2 in	19NF74	6 ft	3/4 in	19NF98	6 ft	1 in	19NG23

Fits Max. O.D.	Brand	45° Elbow Item No.	90° Elbow Item No.
Jacketing Aluminum Elbows			
3 in	ITW	19NF19	19NF06
3 1/2 in	ITW	19NF20	19NF07
4 in	ITW	19NF21	19NF08
4 1/2 in	ITW	19NF22	19NF09
5 in	ITW	19NF23	19NF10
5 1/2 in	ITW	19NF24	19NF11
6 1/2 in	ITW	19NF25	19NF12
7 1/2 in	ITW	19NF26	19NF13
8 1/2 in	ITW	19NF27	19NF14
9 1/2 in	ITW	19NF28	19NF15
10 3/4 in	ITW	19NF29	19NF16
11 3/4 in	ITW	19NF30	19NF17
12 3/4 in	ITW	19NF31	19NF18

Color	Size	Brand	Item No.
Mastic			
White	1 gal.	ITW	19NF32
White	2 gal.	ITW	19NF33

Description O.D.	Fits Max. Insulation Color	Insulation Length	Brand	Item No.
Insulated Pipe Jacket				
Smooth Finish, Vapor Barrier	36 in	Silver	10 ft	ITW 19NF03
Smooth Finish, Vapor Barrier	36 in	Silver	25 ft	ITW 19NF02
Stucco Finish, Vapor Barrier	10 3/4 in	Silver	10 ft	ITW 19NF05
Stucco Finish, Vapor Barrier	10 3/4 in	Silver	25 ft	ITW 19NF04



Mineral Wool/
Foil Backing
19NE81



Calcium Silicate
19NE43

Approx. R							Approx. R						
Value	L	W	Thick.	Density	Facing	Brand	Value	L	W	Thick.	Density	Facing	Brand
Mineral Wool/Foil Backing Material, Medium Strength, Dark Brown													
4	48 in	24 in	1 in	8 lb/cu ft	—	Roxul	1.03	12 in	12 in	1 in	55 lb/cu ft	—	Johns Manville
4	48 in	24 in	1 in	8 lb/cu ft	—	Roxul	1.03	24 in	48 in	1 in	40 lb/cu ft	—	Johns Manville
Mineral Wool/Foil Backing Material, Medium Strength, Green													
6	48 in	24 in	1 1/2 in	8 lb/cu ft	—	Roxul	1.03	24 in	48 in	1 in	55 lb/cu ft	—	Johns Manville
6	48 in	24 in	2 in	8 lb/cu ft	—	Roxul	1.03	48 in	48 in	1 in	40 lb/cu ft	—	Johns Manville
12	48 in	24 in	3 in	8 lb/cu ft	—	Roxul	1.03	48 in	96 in	1 in	40 lb/cu ft	—	Johns Manville
16	48 in	24 in	4 in	8 lb/cu ft	—	Roxul	1.54	12 in	12 in	1 1/2 in	40 lb/cu ft	—	Johns Manville
Mineral Wool Material, Medium Strength, Green													
4	48 in	24 in	1 in	8 lb/cu ft	—	Roxul	1.54	12 in	12 in	1 1/2 in	55 lb/cu ft	—	Johns Manville
6	48 in	24 in	1 1/2 in	8 lb/cu ft	—	Roxul	1.54	24 in	48 in	1 1/2 in	40 lb/cu ft	—	Johns Manville
8	48 in	24 in	2 in	8 lb/cu ft	—	Roxul	1.54	48 in	48 in	1 1/2 in	40 lb/cu ft	—	Johns Manville
12	48 in	24 in	3 in	8 lb/cu ft	—	Roxul	1.54	48 in	96 in	1 1/2 in	40 lb/cu ft	—	Johns Manville
16	48 in	24 in	4 in	8 lb/cu ft	—	Roxul	1.54	48 in	96 in	1 1/2 in	40 lb/cu ft	—	Johns Manville
Polyisocyanurate Material, High Strength, Light Yellow													
5.3	48 in	24 in	1 in	2 lb/cu ft	Plain	ITW	5.3	48 in	24 in	1 in	2 lb/cu ft	FSK	ITW
7.9	48 in	24 in	1 1/2 in	2 lb/cu ft	Plain	ITW	7.9	48 in	24 in	1 1/2 in	2 lb/cu ft	FSK	ITW
10.5	48 in	24 in	2 in	2 lb/cu ft	Plain	ITW	10.5	48 in	24 in	2 in	2 lb/cu ft	FSK	ITW
15.8	48 in	24 in	3 in	2 lb/cu ft	Plain	ITW	15.8	48 in	24 in	3 in	2 lb/cu ft	FSK	ITW
For Use													
High-Temperature Insulation Glue													
Description With Strength Temp. Range Color Brand Item No.													
High-Temperature Insulation Glue Strong 0 °F to 1700 °F White IIG 19NE75													

ROXUL
The Better Insulation

Johns Manville

ITW INSULATION SYSTEMS

High Temperature Insulation

- Durable and noncombustible

MINERAL WOOL

- Temp. range: 0° to 1200°F

Lightweight material is rigid, water repellent, and ideal where compressive resistance is required. Insulation has excellent thermal resistance, is noncorrosive, and chemically inert. Suitable for use in high temp. applications including drying oven equipment, petrochemical and power generating equipment, and storage tanks.

CALCIUM SILICATE & POLYISOCYANURATE

- Calcium Silicate temp. range: 0° to 1700°F
- Polyisocyanurate temp. range: -297° to 297°F

Inorganic material is essentially dust-free and can be machined into a variety of shapes or sizes. Ideal for very high temp. applications including furnace wall structural supports and for use behind fire brick to help prevent thermal spalling.