



ITW INSULATION SYSTEMS



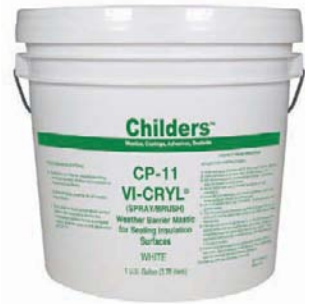
19NF34



19NF19



19NF02



19NF32

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.

		Insulation Approx. R Value											
		1.53 Wall Thickness			2.04 Wall Thickness			3.06 Wall Thickness			4.08 Wall Thickness		
Insulation Nominal I.D.	Brand	Insulation Length	Thickness - Insulation	Item No.	Insulation Length	Thickness - Insulation	Item No.	Insulation Length	Thickness - Insulation	Item No.	Insulation Length	Thickness - Insulation	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
3/4 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
1 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
1 1/8 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 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 1/8 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 1/4 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 1/2 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 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 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 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

		45° Elbow	90° Elbow
		Item No.	Item No.
Fits Max. O.D.	Brand		
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 3/8 in	ITW	19NF25	19NF12
7 3/8 in	ITW	19NF26	19NF13
8 3/8 in	ITW	19NF27	19NF14
9 3/8 in	ITW	19NF28	19NF15
10 3/8 in	ITW	19NF29	19NF16
11 3/8 in	ITW	19NF30	19NF17
12 3/8 in	ITW	19NF31	19NF18

Description	Max. O.D.	Color	Insulation Length	Insulation Brand	Item No.
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
Color	Size	Brand		Item No.	
White	1 gal.	ITW	19NF32		
White	2 gal.	ITW	19NF33		



Mineral Wool/
Foil Backing
Board

Approx. R Value	L	W	Thickness	Brand	Item No.
Mineral Wool/Foil Backing Board, Dark Brown Color					
4	48 in	24 in	1 in	Roxul	19NE81
Mineral Wool/Foil Backing Board, Green Color					
6	48 in	24 in	1 1/2 in	Roxul	19NE82
8	48 in	24 in	2 in	Roxul	19NE83
12	48 in	24 in	3 in	Roxul	19NE84
16	48 in	24 in	4 in	Roxul	19NE85
Mineral Wool Board, Green Color					
4	48 in	24 in	1 in	Roxul	19NE76
6	48 in	24 in	1 1/2 in	Roxul	19NE77
8	48 in	24 in	2 in	Roxul	19NE78
12	48 in	24 in	3 in	Roxul	19NE79
16	48 in	24 in	4 in	Roxul	19NE80
Super Firetemp Board, Calcium Silicate Material, White Color					
0.52	12 in	12 in	1/2 in	IIG	19NE43
0.52	24 in	48 in	1/2 in	IIG	19NE44
0.52	48 in	48 in	1/2 in	IIG	19NE45
0.52	48 in	96 in	1/2 in	IIG	19NE46
0.77	12 in	12 in	3/4 in	IIG	19NE47
0.77	24 in	48 in	3/4 in	IIG	19NE48
0.77	48 in	48 in	3/4 in	IIG	19NE49
0.77	48 in	96 in	3/4 in	IIG	19NE50
1.03	12 in	12 in	1 in	IIG	19NE51
1.03	24 in	48 in	1 in	IIG	19NE52
1.03	48 in	48 in	1 in	IIG	19NE53
1.03	48 in	96 in	1 in	IIG	19NE54
1.54	12 in	12 in	1 1/2 in	IIG	19NE55
1.54	24 in	48 in	1 1/2 in	IIG	19NE56
1.54	48 in	48 in	1 1/2 in	IIG	19NE57
1.54	48 in	96 in	1 1/2 in	IIG	19NE58

Super Firetemp
Board



Approx. R Value	L	W	Thickness	Brand	Item No.
Super Firetemp Board, Calcium Silicate Material, White Color, Extra Strength					
0.52	12 in	12 in	1/2 in	IIG	19NE59
0.52	24 in	48 in	1/2 in	IIG	19NE60
0.52	48 in	48 in	1/2 in	IIG	19NE61
0.52	48 in	96 in	1/2 in	IIG	19NE62
0.77	12 in	12 in	3/4 in	IIG	19NE63
0.77	24 in	48 in	3/4 in	IIG	19NE64
0.77	48 in	48 in	3/4 in	IIG	19NE65
0.77	48 in	96 in	3/4 in	IIG	19NE66
1.03	12 in	12 in	1 in	IIG	19NE67
1.03	24 in	48 in	1 in	IIG	19NE68
1.03	48 in	48 in	1 in	IIG	19NE69
1.03	48 in	96 in	1 in	IIG	19NE70
1.54	12 in	12 in	1 1/2 in	IIG	19NE71
1.54	24 in	48 in	1 1/2 in	IIG	19NE72
1.54	48 in	48 in	1 1/2 in	IIG	19NE73
1.54	48 in	96 in	1 1/2 in	IIG	19NE74

Material	Strength	Temp. Range	Color	Brand	Item No.	
High Temperature Insulation	Adhesive	Strong	0 °F to 1700 °F	White	IIG	19NE75

ROXUL
The Better Insulation

IIG
Industrial Insulation Group, LLC
A Johns Manville Company

High Temperature Insulation

- Durable and noncombustible

MINERAL WOOL BOARD

- 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. Meets ASTM C612 Type 1VB, E136, E84, C665, and C795.

SUPER FIRETEMP BOARD

- Temp. range: 0° to 1700°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. Meets ASTM C656, C795, E72, E119, E84, E136, UL 263, UL 1479, and UL 1709 Listed. NFPA 251 compliant.