

DESCRIPTION

ITW Insulation Systems Aluminum Insulation Fitting Covers are made in two precision formed matching halves and are sized to cover and weatherproof insulated 90° and 45° elbows along pipelines. They are manufactured from 1100 Aluminum alloy in .024" thickness. A moisture barrier coating is applied to the interior for resistance to electrolytic degradation, and a clear coating is applied to the exterior for corrosion protection.

They can be used on long and short radius, butt weld, socket weld, and screwed pipe elbows from 1/2" to 12" Iron Pipe Size, inclusive. These insulation covers are also available in colors to harmonize with painted aluminum jacketing.

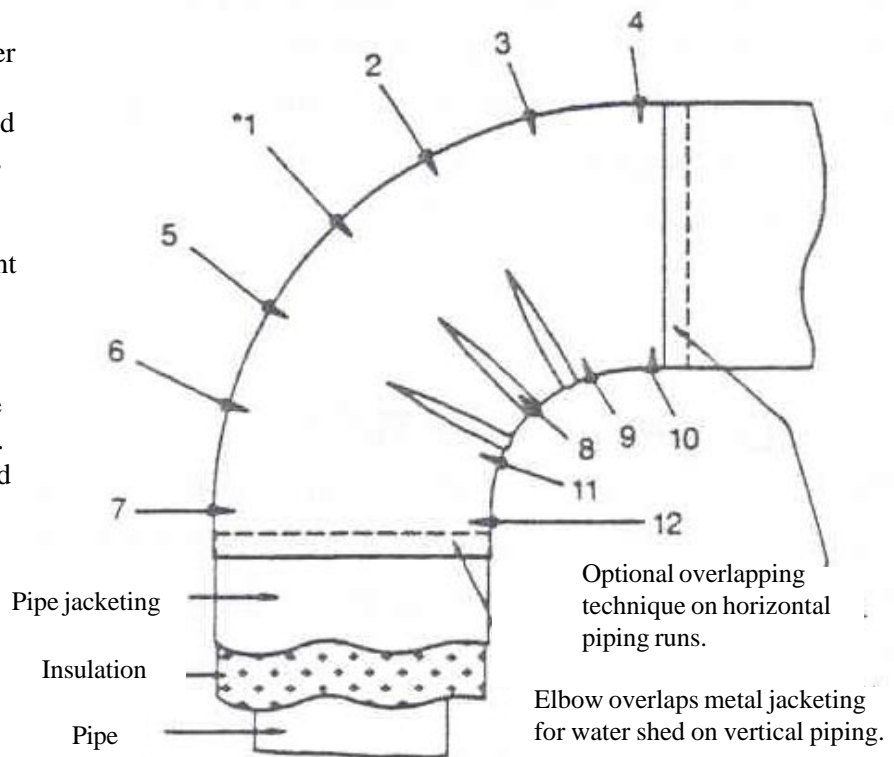
When ordering, long radius, short radius, 90° or 45° must be specified.

ITW Elbow covers are made in two matching halves, and are applied over or under pipeline jacketing to shed water. The product should be applied using screws or rivets for hot piping, or strapping in conjunction with a vapor barrier for cold piping. Overlaps should be caulked with joint sealants.

The number of stainless steel screws (or rivets) are determined by the size of the elbow. Space screws 3" apart. The first screw on the elbow heel and throat must be started in the middle. Then, work from the center to the ends. Additional strapping at the ends is optional.



APPLICATION INSTRUCTIONS



Note: See the O.D. chart on reverse side providing information on the maximum O.D. ITW's elbows will fit after allowing for a 7/16" overlap. There is an allowance for insulation that is oversized when measured against Table 3-A, ASTM C-585 designation.

ALUMINUM ELBOW COVERS

Insulation Size O.D. Chart

IPS	1/2"	1"	1-1/2"	2"	2-1/2"	3"	3-1/2"	4"
1/2"	2.375	3.0625	4.25	5.3125	7	8	8.9375	10.125
3/4"	2.375	3.0625	4.25	5.3125	7	8	8.9375	10.125
1"		3.6875	4.75	5.9375	7	8	8.9375	10.125
1-1/4"		3.6875	5.25	5.9375	7	8	8.9375	10.125
1-1/2"		4.1875	5.25	7	8	8.9375	10.125	11.0625
2"		4.8125	5.875	7	7.875	8.9375	10.125	11.0625
2-1/2"		5.3125	6.75	7.875	8.9375	10.125	11.0625	12.125
3"		5.9375	7	7.875	8.9375	10.125	11.0625	12.125
3-1/2"		6.8125	8	9	10.125	11.0625	12.125	13
4"		6.8125	8	9	10.125	11.0625	12.125	13
4-1/2"		8	9	10.125	11	12.125	13	14.50
5"		8	9	10.125	11	12.25	13	14.50
6"		9	10	11.125	12.25	13.125	14.50	15.50
7"		10	11.125	12.25	13.125	14.50	15.50	16.50
8"		11.125	12.25	13.25	14.375	15.25	16.50	17.50
9"		12.25	13.25	14.375	15.25	16.50	17.50	
10"		13.25	14.50	15.50	16.50	17.375	18.50	
11"		14.50	15.50	16.50	17.3125	18.50	19.50	
12"		15.3125	16.50	17.3125	18.50	19.50	20.375	
14"				18.50	19.50	20.375	21.50	
15"					20.375	21.50	22.50	
16"				20.375	21.50	22.50		
17"					22.50			
18"				22.50				

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