



Insul-Therm
International, Inc.

Technical Product Information

Insul-Therm Insulation Shields

General Product Information:

Insul-Therm insulation shields are cut and rolled from galvanized steel which provides an economical non corrosive insulation support. Insul-Therm insulation shields are rolled in a variety of thicknesses to provide extra support for both larger and small pipe insulation OD's. These thicknesses include 12, 14, 16, 18, 20, 22, and 24 gauge and can be fabricated into multiple widths as well as covering both 180 and 360 degrees. Insul-Therm insulation shields can also be provided in stainless steel or aluminum if required.

Description & Common Applications:

Insul-Therm insulation shields are used under insulation and are designed to prevent insulation from being crushed or damaged by pipe hangers and pipe support systems. The diameter of the insulation shield shall be based on the total outside diameter of insulation. (See chart for ordering information) Thickness requirements shall be determined by project engineer or project specification. Insul-Therm insulation shields are ideal for use on a variety of piping systems and temperature ranges.

Nominal Iron Pipe Size	Insulation OD Chart						
	Insulation Thickness						
	1"	1-1/2"	2"	2-1/2"	3"	3-1/2"	4"
1/2"	3.0	4.0	5.0	6.6	7.6	8.6	9.6
3/4"	3.0	4.0	5.0	6.6	7.6	8.6	9.6
1"	3.5	4.5	5.6	6.6	7.6	8.6	9.6
1 1/4"	3.5	5.0	5.6	6.6	7.6	8.6	9.6
1 1/2"	4.0	5.0	6.6	7.6	8.6	9.6	10.8
2"	4.5	5.6	6.6	7.6	8.6	9.6	10.8
2 1/2"	5.0	6.6	7.6	8.6	9.6	10.8	11.8
3"	5.6	6.6	7.6	8.6	9.6	10.8	11.8
3 1/2"	6.6	7.6	8.6	9.6	10.8	11.8	12.8
4"	6.6	7.6	8.6	9.6	10.8	11.8	12.8
4 1/2"	7.6	8.6	9.6	10.8	11.8	12.8	14.0
5"	7.6	8.6	9.6	10.8	11.8	12.8	14.0
6"	8.6	9.6	10.8	11.8	12.8	14.0	15.0
7"	9.6	10.8	11.8	12.8	14.0	15.0	16.0
8"	10.8	11.8	12.8	14.0	15.0	16.0	17.0
9"	11.8	12.8	14.0	15.0	16.0	17.0	18.0
10"	12.8	14.0	15.0	16.0	17.0	18.0	19.0
11"	14.0	15.0	16.0	17.0	18.0	19.0	20.0
12"	15.0	16.0	17.0	18.0	19.0	20.0	21.0
14"	16.0	17.0	18.0	19.0	20.0	21.0	22.0
15"	17.0	18.0	19.0	20.0	21.0	22.0	23.0
16"	18.0	19.0	20.0	21.0	22.0	23.0	24.0
17"	19.0	20.0	21.0	22.0	23.0	24.0	25.0
18"	20.0	21.0	22.0	23.0	24.0	25.0	26.0
19"	21.0	22.0	23.0	24.0	25.0	26.0	27.0
20"	22.0	23.0	24.0	25.0	26.0	27.0	28.0

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