

## **Standard- Insulation Protection Shields/Saddles**

Insulation Support Shields are designed to keep insulation applied to pipe from compressing at pipe hanger locations. We offer our Standard Shields in various diameters and lengths. MSS-SP-69- Type 40 Shields are also available.

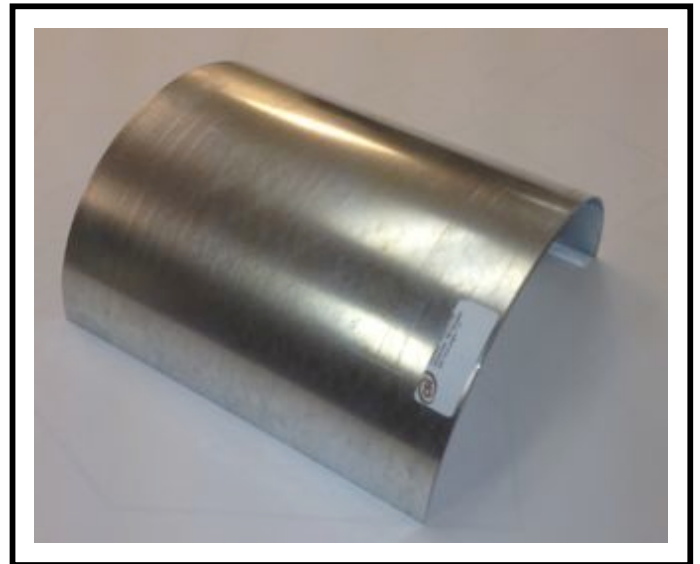
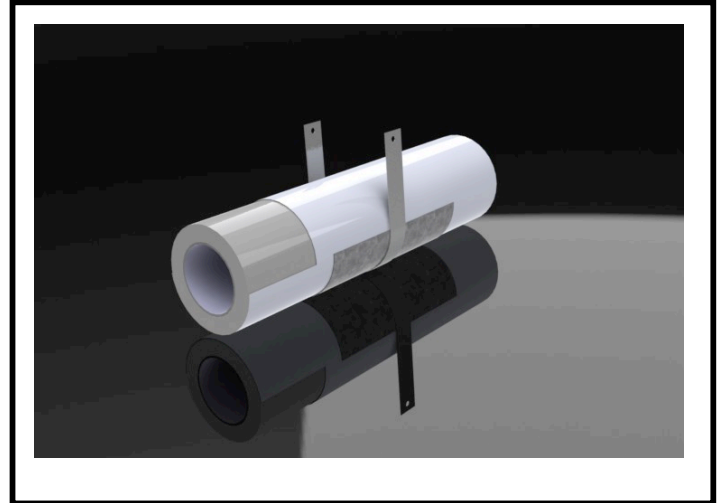
### **Materials**

American Made- formed G-90 galvanized steel. All of our Standard Shields are constructed using 18-gauge metal. Stainless Steel Available upon request.

### **Applications**

For use on plumbing and HVAC mechanical piping systems. Can be used to support most types of insulation including fiberglass, rubber, calcium silicate, cellular glass. Can be used with or without wooden blocks or insulation inserts.

Our shields are individually labeled for convenient application in the field. For sizing options see the attached chart and ordering guide.



## Standard- Insulation Protection Shields/Saddles Standard Sizing Chart and Ordering Guide

Shield Size	Gauge	Length	Total Diameter
1A	18	12"	1.5
2A	18	12"	2.25
3A	18	12"	2.75
4A	18	12"	3
5A	18	12"	3.5
6A	18	12"	4
7A	18	12"	4.5
8A	18	12"	5
9A	18	12"	5.5
10B	18	12"	6
11B	18	12"	6.5
12B	18	12"	7
13B	18	12"	7.5
14B	18	12"	8
15B	18	12"	8.5
16B	18	12"	9
17B	18	12"	9.5
18B	18	12"	10
19B	18	12"	10.5
20C	18	12"	11
21C	18	12"	11.5
22C	18	12"	12
23C	18	12"	12.5
24C	18	12"	13
25C	18	12"	13.5
26C	18	12"	14
27C	18	12"	14.5

Shield Size	Gauge	Length	Total Diameter
28C	18	12"	15
29C	18	12"	15.5
30C	18	12"	16
31C	18	12"	16.5
32C	18	12"	17
33C	18	12"	17.5
34D	18	12"	18
35D	18	12"	18.5
36D	18	12"	19
37D	18	12"	19.5
38D	18	12"	20
39D	18	12"	20.5
40D	18	12"	21
41D	18	12"	21.5
42D	18	12"	22
43D	18	12"	22.5
44D	18	12"	23
45D	18	12"	23.5
46D	18	12"	24
47D	18	12"	24.5
48D	18	12"	25
49D	18	12"	25.5
50D	18	12"	26
51D	18	12"	26.5
52D	18	12"	27
53D	18	12"	27.5
54D	18	12"	28

# Standard- Insulation Protection Shields/Saddles

## Standard Sizing Chart and Ordering Guide

Pipe Shield Selection								
Nominal Pipe Sizes (Inches)								
Pipe Size	Insulation Thickness (Inches)							
	1/2"	3/4"	1"	1 1/2"	2"	2 1/2"	3"	4"
1/2"	1A	2A	3A	5A	7A			
3/4"	1A	2A	3A	5A	7A			
1"	2A	2A	4A	6A	8A			
1 1/4"	2A	3A	4A	6A	8A	10B		
1 1/2"	3A	4A	5A	7A	9A	11B		
2"	4A	5A	6A	8A	10B	12B	14B	
2 1/2"	5A	6A	7A	9A	11B	13B	15B	
3"	6A	7A	8A	10B	12B	14B	16B	
4"	8A	9A	10B	12B	14B	16B	18B	
5"	10B	11B	12B	14B	16B	18B	20C	
6"	12B	13B	14B	16B	18B	20C	22C	
7"	14B	15B	16B	18B	20C	22C	24C	
8"	16B	17B	18B	20C	22C	24C	26C	
9"	18B	19B	20C	22C	24C	26C	28C	
10"	20C	21C	22C	24C	26C	28C	30C	34D
12"	24C	25C	26C	28C	30C	32C	34D	38D
14"	28C	29C	30C	32C	34D	36D	38D	42D
16"	32D	33D	34D	36D	38D	40D	42D	46D
18"	36D	37D	38D	40D	42D	44D	46D	50D
20"	40D	41D	42D	44D	46D	48D	50D	
24"	48D	49D	50D	52D	54D			