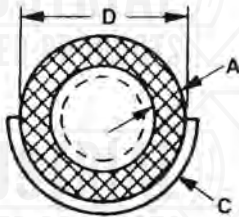




**FIG. 167MSS**  
**“MSS” PIPE COVERING PROTECTION SHIELD**



**Manufactured  
in the USA**



**Material:** Pre-galvanized carbon steel (304 and 316 stainless steel).  
**Finish:** Pre-galvanized.  
**Service:** Designed for outside of foam or fiberglass insulation on stationary pipe lines (not designed for pipe rollers) to prevent crushing of insulation without breaking the vapor barrier.  
**Approvals:** Complies with Federal Specifications WW-H-171-E (Type# 26), A-A-1192 A (Type# 26), and MSS SP-58 and SP-69 (Type# 26).  
**Ordering:** Specify shield size and figure number.  
**Notes:** Also available in 304 stainless steel.

SIZE NO. SHIELD	B LENGTH	C STOCK SIZE	SHIELD ID/ INSULATION OD	HANGER SIZE	WEIGHT EACH (lbs)		
X1A	12	18ga	1 7/8	1 1/2	0.53		
1A			2 3/8	2	0.68		
2A			2 7/8	2 1/2	0.82		
3A			3 1/2	3	1.02		
4A			4	3 1/2	1.13		
5A			4 1/2	4	1.26		
6A			5	5	1.42		
7A			5 5/16	5	1.58		
8A			18	16ga	6 5/8	6	2.33
9A					7 5/8	7	2.66
10A	8 5/8	8			3.00		
9B	7 5/8	7			3.99		
10B	8 5/8	8			4.49		
11B	9 5/8	10			5.03		
12B	10 3/4	10			5.62		
13C	24	14ga			11 3/4	12	10.12
14C			12 3/4	12	10.94		
15C			14	14	12.03		
16C			15	16	12.92		
17C			16	16	13.74		
18C			17	18	14.63		
19C			18	18	21.33		
20C			19	20	22.56		
21C			20	20	23.79		
22C			21	24	24.92		
23C			22	24	26.15		
24C			23	24	27.37		
25C	24	24	28.51				
26C	26	30	30.87				
27C	27	30	32.09				
28C	28	30	33.22				

**(additional charts on the following page)**



**FIG. 167MSS “MSS” PIPE COVERING PROTECTION SHIELD**  
*(continued from previous page)*

SHIELD SIZE SELECTION FOR NORMAL PIPE					
PIPE SIZE	A-INSULATION THICKNESS				
	1/2	3/4	1	1 1/2	2
1/2	1A	1A	—	—	—
3/4	1A	2A	3A	4A	6A
1	1A	2A	3A	5A	7A
1 1/4	2A	3A	4A	6A	7A
1 1/2	2A	3A	4A	6A	8A
2	3A	4A	5A	7A	8A
2 1/2	4A	5A	—	8A	9A
3	5A	6A	7A	8A	9A
3 1/2	—	—	8A	9A	10A
4	—	—	8A	9A	10A
5	—	—	9A/9B	10A/10B	11B
6	—	—	10A/10B	11B	12B
8	—	—	12B	13C	14C
10	—	—	14C	15C	16C
12	—	—	16C	17C	18C
14	—	—	17C	18C	19C
16	—	—	19C	20C	21C
18	—	—	21C	22C	23C
20	—	—	23C	24C	25C
24	—	—	26C	27C	28C

SHIELD SIZE SELECTION FOR NORMAL PIPE					
TUBING SIZE	A-INSULATION THICKNESS				
	1/2	3/4	1	1 1/2	2
1/2	X1A	1A	2A	4A	5A
3/4	X1A	1A	2A	4A	6A
1	1A	2A	3A	5A	7A
1 1/4	1A	2A	3A	5A	7A
1 1/2	2A	3A	4A	6A	8A
2	3A	4A	5A	7A	8A
2 1/2	4A	5A	6A	8A	8A
3	5A	6A	7A	8A	9A
3 1/2	6A	7A	8A	8A	9A/9B
4	7A	8A	8A	9A	10A/10B
5	8A	8A	9A	10A	11B
6	9A	9A	10A	11B	12B