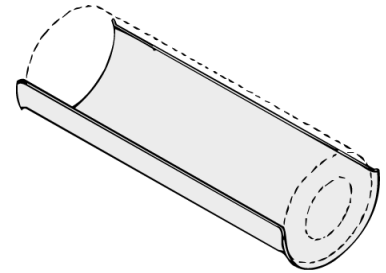


INSULATION SHIELDS

Shield No.	Shield I.D.	Shield Gauge	Size Length	Hanger Size	Wt. Each (in lbs.)
1A	2 ³ / ₈	18	12	2	.55
2A	2 ⁵ / ₈	18	12	2 ¹ / ₂	.64
3A	2 ⁷ / ₈	18	12	2 ¹ / ₂	.66
4A	3 ¹ / ₂	18	12	3	.89
5A	4	18	12	3 ¹ / ₂	.91
6A	4 ¹ / ₂	18	12	4	1.12
7A	5	18	12	5	1.15
8A	5 ⁵ / ₈	18	12	5	1.35
8B	5 ⁵ / ₈	16	12	5	2.00
9A	6	18	12	6	1.45
9B	6	16	12	6	2.10
10A	6 ⁵ / ₈	18	12	6	1.50
10B	6 ⁵ / ₈	16	12	6	2.37
11A	7 ⁵ / ₈	18	12	8	2.02
11B	7 ⁵ / ₈	16	12	8	2.50
11C	7 ⁵ / ₈	16	18	8	3.75
12A	8 ⁵ / ₈	18	12	8	2.28
12B	8 ⁵ / ₈	16	12	8	2.83
12C	8 ⁵ / ₈	16	18	8	4.25
13A	9 ⁵ / ₈	18	12	10	2.54
13B	9 ⁵ / ₈	16	12	10	3.15
13C	9 ⁵ / ₈	16	18	10	4.73
14A	10 ³ / ₄	18	12	10	2.84
14B	10 ³ / ₄	16	12	10	3.53
14C	10 ³ / ₄	16	18	10	5.30
14D	10 ³ / ₄	14	24	10	9.63
15B	11 ³ / ₄	16	12	12	4.00
15C	11 ³ / ₄	16	18	12	6.00
15D	11 ³ / ₄	14	24	12	10.00
16B	12 ³ / ₄	16	12	12	4.18
16C	12 ³ / ₄	16	18	12	6.28
16D	12 ³ / ₄	14	24	12	10.90
17B	14	16	12	14	4.58
17D	14	14	24	14	12.25
18B	15	16	12	16	4.90
18D	15	14	24	16	13.00
19B	16	16	12	16	5.20
19D	16	14	24	16	13.81
20B	17	16	12	18	5.53
20D	17	14	24	18	14.56
21B	18	16	12	18	6.20
21D	18	14	24	18	15.46
21E	18	12	24	18	21.25
22B	19	16	12	20	6.50
22D	19	14	24	20	16.32
22E	19	12	24	20	22.41
23B	20	16	12	20	7.25
23D	20	14	24	20	17.18
23E	20	12	24	20	24.75
24B	21	16	12	24	7.30
24E	21	12	24	24	24.75
25B	22	16	12	24	7.60
25E	22	12	24	24	25.92
26B	23	16	12	24	7.75
26E	23	12	24	24	26.50
27B	24	16	12	24	8.00
27E	24	12	24	24	27.20
28E	26	12	24	30	28.00
29E	27	12	24	30	30.20
30E	28	12	24	30	32.50

INSULATION PROTECTION SHIELD



Note: 12" length shields furnished with flared ends.

FUNCTION: Designed for use in the suspension of insulated pipe lines to protect the insulation from being crushed by the hanger.

APPROVALS: Complies with Federal Specifications A-A-1192A (Type 40) and Manufacturers' Standardization Society ANSI/SP-69 and SP-58 (Type 40).

MATERIAL: Low Carbon Steel

FINISH: Pre-galvanized

ORDERING: Specify shield number and figure number.

Available in stainless steel. To order, specify 304 or 316 and add suffix SS to figure number.
Price on request.

Note: To determine proper size consult shield selection guide

SHIELD SELECTION GUIDE

SHIELD SELECTION GUIDE

TO DETERMINE PROPER SHIELD SIZE FOR SIZES NOT LISTED:

Add 2 times the thickness of the insulation plus the O.D. of the pipe. Select shield with I.D. no smaller than the sum total of pipe and insulation.

SHIELD NUMBER FOR STEEL PIPE

Pipe Size	Pipe O.D.	Insulation Thickness (inches)								
		1/2	3/4	1	1 1/2	2	2 1/2	3	3 1/2	4
1/2	.840	1	1	3	5	7	9	11	—	—
3/4	1.050	1	2	4	5	7	10	11	—	—
1	1.315	1	3	4	6	8	10	11	12	13
1 1/4	1.660	3	4	5	7	8	10	11	12	13
1 1/2	1.900	3	4	5	7	9	11	12	13	14
2	2.375	4	5	6	8	10	11	12	13	14
2 1/2	2.875	5	6	7	9	11	12	13	14	15
3	3.500	6	7	8	10	11	12	13	14	15
3 1/2	4.000	7	8	9	11	12	13	14	15	16
4	4.500	8	9	10	11	12	13	14	15	16
5	5.563	10	11	11	12	13	14	15	16	17
6	6.625	11	12	12	13	14	15	16	17	18
8	8.626	13	14	14	15	16	17	18	19	20
10	10.750	15	16	16	17	18	19	20	21	22
12	12.750	17	18	18	19	20	21	22	23	24

SHIELD NUMBER FOR COPPER TUBING

Tube Size	Tube O.D.	Insulation Thickness (inches)						
		1/2	3/4	1	1 1/2	2	2 1/2	3
1/2	.625	1	1	2	5	7	8	10
3/4	.875	1	1	3	5	7	9	11
1	1.125	1	2	4	6	8	10	11
1 1/4	1.375	1	3	4	6	8	10	11
1 1/2	1.625	2	4	5	7	8	10	11
2	2.125	4	5	6	8	10	11	12
2 1/2	2.625	5	6	7	8	10	11	12
3	3.125	6	7	8	10	11	12	13
3 1/2	3.625	7	8	8	10	11	12	13
4	4.125	8	8	10	11	12	13	14
5	5.125	10	10	11	12	13	14	15
6	6.125	11	11	12	13	14	15	16

Specify Shield Type & Shield Number

Shield Type	Length	Gauge
A	12	18
B	12	16
C	18	16
D	24	14
E	24	12