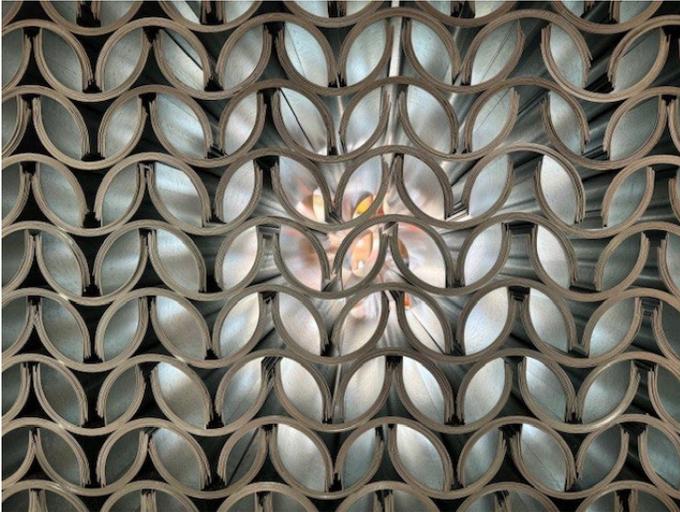




DynamicFabrication
INC.

Galvanized Shields Product Data Sheet



Description

Galvanized Shields are designed to protect insulation at hanger locations from damage or deformation. They are produced in an assortment of sizes and gauges to provide protection for a wide range of insulation applications. Dynamic Fabrication manufactures them from galvanized carbon steel, in thicknesses ranging from 16 to 26 gauge, and in lengths and sizes to meet your specifications.

Applications

Shields are designed to be used with various pipe insulation products, such as fiberglass, phenolic, polyisocyanurate, cellular glass, flexible elastomeric, and polyethylene tubing. Shields are used in applications with operating temperatures from -120° F to +1000° F, including plumbing, refrigeration piping, chilled water, heating, and process piping.

Galvanized Shield Size Selection Table

Iron Pipe Size (in.)	Insulation Thickness (in.)					
	1/2	1	1-1/2	2	2-1/2	3
1/2	2	3	4	5	6	7
3/4	2	3	4	5	6	7
1	3	3	4	5	6	7
1-1/4	3	3	5	5	6	7
1-1/2	—	4	5	5	6	7
2	—	4	5	6	7	8
2-1/2	—	5	6	7	8	9
3	—	5	6	7	8	9
4	—	6	7	8	9	10
5	—	7	8	9	10	12
6	—	8	9	10	12	13
8	—	—	11	12	13	14
10	—	—	14	15	16	17
12	—	—	16	17	18	19
14	—	—	17	18	19	20
16	—	—	19	20	21	22
18	—	—	21	22	23	24
Copper Tube Size (in.)	Insulation Thickness (in.)					
	1/2	1	1-1/2	2	2-1/2	3
5/8	2	3	3	4	—	—
7/8	2	3	3	4	—	—
1-1/8	2	3	4	5	—	—
1-3/8	2	3	4	5	—	—
1-5/8	3	3	4	5	—	—
2-1/8	3	4	5	6	7	—
2-5/8	—	4	5	6	7	8
3-1/8	—	5	6	7	8	9
4-1/8	—	6	7	8	9	10
5-1/8	—	7	8	9	10	11
6-1/8	—	8	9	10	11	12

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Standard Shield Products			
Insulation O.D.	Nominal Size	Standard Dimensions	
		Length (in.)	Gauge
2.00	2	9 / 12	26
2.88	3	9 / 12	26
3.50	3	9 / 12	26
4.00	4	9 / 12	24
4.50	4	9 / 12	24
5.00	4	9 / 12	24
5.56	5	9 / 12	24
6.62	6	9 / 12	24
7.62	7	9 / 12	24
8.62	8	9 / 12	24
9.62	9	12	18
10.75	10	12	18
11.75	11	12	18
12.75	12	12	18
14.00	14	12	18
15.00	15	12	18
16.00	16	12	18
17.00	17	12	18
18.00	18	12 / 18	18
19.00	19	12 / 18	18
20.00	20	12 / 18	18
21.00	21	12 / 18	18
22.00	22	12 / 18	18
23.00	23	12 / 18	18
24.00	24	12 / 18	18

Notes

- (1) Shields are constructed with G-90 galvanized steel in accordance with ASTM A653-13.
- (2) Dynamic Fabrication can provide many custom (non-standard) length and gauge combinations.
- (3) Dynamic Fabrication accepts no responsibility for compliance with contract documents. We provide products tailored to your specific request.