MSS SP-58

BY EXTOL

Load Core Support

Poly Iso Insulation

SIZING TABLE

NOMINAL IPS	CPS	MAXIMUM SUPPORT SPACING (FT)	MAXIMUM SHIELD LOAD (LBS)	POLY ISO FOAM DENSITY (PCF)	POLY ISO FOAM COMPRESSIVE STRENGTH (PSI)	INSULATION LENGTH (IN)	SHIELD LENGTH (IN)	SHIELD GAUGE (GA)
1/2	7/8	7	6	2	24	9	6	22
3/4	1 1/8	7	8	2	24	9	6	22
1	1 3/8	7	14	2	24	9	6	22
1 1/4	1 5/8	7	20	2	24	9	6	22
1 1/2	2 1/8	9	30	2	24	9	6	22
2	2 5/8	10	50	2	24	9	6	22
2 1/2	3 1/8	10	75	4	95	9	6	22
3		10	105	4	95	9	6	22
3 1/2	4 1/8	10	135	4	95	9	6	22
4		10	160	4	95	9	6	18
5		10	230	4	95	9	6	18
6	6 1/8	10	310	4	95	9	6	18
8		10	500	4	95	9	6	14
10		10	740	4	95	9	6	14
12		10	975	4	95	9	6	14
14		10	1225	4	95	9	6	14
16		10	1625	6	140	9	6	14
18		10	2050	6	140	9	6	12
20		10	2475	6	140	9	6	12
24		10	3525	6	140	9	6	12

NOTES:

Dual Density – a lighter density insulation is available for the non load bearing areas of the support and a heavier density insulation in the load bearing area.

A qualified engineer should design the supports according to what is required for the application.

1. Maximum support spacing follows guideline from MSS SP-58 Table 4: Maximum Hanger and Support Spacing for Horizontal Pipe.
2. Maximum shield loads are provided for reference only – insulation strength capacity often governs shield capacity.
3. Insulation compressive strengths shown are determined based on parallel to rise.
4. Protection shield gauge listed are for use with band-type hangers only. For point or roller loading for loads governed by seismic demands, increase shield thickness and length.
5. This information is furnished without warranty, expressed or implied, except that it is accurate to the best knowledge of Extol of Ohio Inc. For additional information regarding specific application of the product please contact us at 1-800-4865 or visit our website at www.extolohio.com.

MADE AND FABRICATED IN THE USA

Load Core Support

Extol of Ohio, Inc.

ASTM INTERNATIONAL

ANAB ACCREDITED MANAGEMENT SYSTEMS CERTIFICATION BODY

CERTIFIED BY SCB ISO 9001

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