



Contact factory for other dimensional, temperature, load, or axial travel requirements. Available in all insulation thickness.

The load ratings represent average values obtained in accordance with accepted test methods and are subject to normal manufacturing variations. Dimensions and ratings are subject to change without notice.

Note: For higher load ratings, see: B1100 - For greater axial travel, see: B2000 - For lateral restraint, see: B3000 - For lateral travel, see: B5000.

Pipe Size	Vert. Load	Insul. Thk. = 1"			Insul. Thk. = 1-1/2"			Insul. Thk. = 2"			Insul. Thk. = 2-1/2"			Insul. Thk. = 3"			Insul. Thk. = 4"			Insul. Thk. = 5"		
		B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E
1/2	140	4	1.5	3.25	4	2	4.375	4	2.5	5.375	4	4	7	6	4.5	8	6	6.5	10	8	8	12.125
3/4	175	4	1.5	3.25	4	2	4.375	4	2.5	5.375	4	4	7	6	4.5	8	6	6.5	10	8	8	12.125
1	225	4	2	3.875	4	2.5	4.875	4	3	5.937	4	4	7	6	4.5	8	6	6.5	10	8	8	12.25
1 1/2	325	4	2	4.375	4	2.5	5.5	4	4	7	4	4.5	8	6	5.5	9	6	7.5	11.25	8	9	13.25
2	375	4	2.5	5	4	3	6.0625	4	4	7	4	4.5	8	6	5.5	9.125	6	7.5	11.25	8	9	13.25
2 1/2	460	4	2.5	5.5	4	4	7.125	4	4.5	8.125	4	5.5	9.125	6	6.5	10.125	6	8	12.25	8	9.5	14.5
3	530	4	3	6.062	4	4	7.125	4	4.5	8.125	4	5.5	9.125	6	6.5	10.125	6	8	12.375	8	9.5	14.625
4	840	4	4	7.25	4	4.5	8.25	4	5.5	9.25	4	6.5	10.25	6	7.5	11.375	6	9	13.375	8	10.5	15.625
5	1050	4	4.5	8.25	4	5.5	9.25	4	6.5	10.25	4	7.5	11.375	6	8	12.375	6	9.5	14.875	8	11	16.875
6	1275	4	5.5	9.25	4	6.5	10.25	4	7.5	11.375	4	8	12.625	6	9	13.625	6	10.5	15.875	8	12	17.875
8	1700	4	7.5	11.625	4	8	12.625	4	9	13.625	6	9.5	14.875	6	10.5	15.875	6	12	17.875	8	13	20.125
10	2000	4	9	13.625	4	9.5	14.875	4	10.5	15.875	6	11	16.875	6	12	18.125	6	13	20.125	8	14.5	22.125
12	2200	4	10.5	16.125	4	11	17.125	4	12	18.125	6	12.5	19.125	6	13	20.125	6	14.5	22.125	8	16	24.125
14	2500	4	11	17.125	4	12	18.125	4	12.5	19.125	6	13	20.125	6	14	21.125	6	15.5	23.125	8	16.5	25.125
16	2900	4	12.5	19.125	4	13	20.125	6	14	21.375	6	14.5	22.375	6	15.5	23.375	6	16.5	25.375	8	18	27.375
18	3200	4	14	21.375	4	14.5	22.375	6	15.5	23.375	6	16	24.375	6	16.5	25.375	6	18	27.375	8	19.5	29.375
20	3400	4	15.5	23.375	4	16	24.375	6	16.5	25.375	6	17.5	26.375	6	18	27.375	6	19.5	29.375	8	21	31.375
24	3600	4	18	27.375	4	19	28.375	6	19.5	29.375	6	20.5	30.375	6	21	31.375	6	22.5	33.375	8	24	35.375
30	4700	4	22.5	33.625	6	23	34.625	6	24	35.625	6	24.5	36.625	6	25	37.625	6	26.5	39.625	8	28	41.625
36	5500	4	26.5	39.625	6	27.5	41.125	6	28	42.125	6	28.5	43.125	6	29.5	44.125	6	31	46.125	8	32.5	48.125
42	6200	4	31	46.125	6	31.5	47.125	6	32.5	48.125	6	33	49.125	6	33.5	50.125	6	35	52.125	8	36.5	54.125

**Application:**

Model B1000 is designed for use on:

- Hot water
- Cold water
- Chilled water
- Dual temperature
- Steam
- Air
- Gas
- Vacuum

Intended for installation on:

- Flat surfaces

**Temperature Range:**  
**Standard:** +40°F to +1200°F CalSil Insulation  
**Note:** Up to 1800°F available upon request.  
**Cryogenic:** -275°F to +275°F Urethane Insulation.  
 Add U after the model number (i.e., B1000U)

**Features:**

- All pipe sizes
- Easy installation
- Eliminates welding to pipe
- Overlapping galvanized sheet metal jacket
- Insulating structural inserts for load transfer
- Stainless steel to UHMW polyethylene slide
- Other I.D.'s and/or O.D.'s available on request
- Factory mounted polyethylene slide pad on steel mounting plate

Performance test results on file:  
 Available upon request

**Material Data:**

- B1000:** Applicable PSI spec. doc.: No. 209
- Insulation:** Calcium silicate asbestos-free, treated with water repellant
- Jackets:** Galvanized steel ASTM A-653
- Glue:** Industrial contact adhesive
- Structural Inserts:** High-density calcium silicate asbestos free, treated with water repellant
- Steel Straps/Base:** Carbon Steel ASTM A-36
- Fasteners:** ASTM A-307 plated
- Slide Pad:** UHMW Polyethylene (PTFE optional)
- Coating:** Primer coated or hot dipped galvanized

Other coatings available upon request

**Formal Submittal Sheets available**