



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: C4100.

If thrust plate thickness "D" is greater than pipe wall thickness, consult factory.

Pipe Size	Load Rating			Insul. Thk. = 1"				Insul. Thk. = 1-1/2"				Insul. Thk. = 2"				Insul. Thk. = 2-1/2"				Insul. Thk. = 3"				Insul. Thk. = 4"							
	Vert. Lbs	Lat. Lbs	Axial Lbs	B	C	D	E	B	C	D	E	B	C	D	E	B	C	D	E	B	C	D	E	B	C	D	E				
1	200	100	410	4	2	0.1875	4.125	4	2.5	0.1875	5.125	4	3	0.25	6.187	4	4	0.25	7.25	6	4.5	0.25	8.25	6	6.5	0.25	10.25	6	6.5	0.25	10.25
1 1/2	290	145	590	4	2	0.1875	4.625	4	2.5	0.1875	5.625	4	4	0.25	7.25	4	4.5	0.25	8.25	6	5.5	0.25	9.25	6	7.5	0.25	11.375	6	7.5	0.25	11.375
2	360	180	730	4	2.5	0.1875	5.125	4	3	0.1875	6.1875	4	4	0.25	7.25	4	4.5	0.25	8.25	6	5.5	0.25	9.25	6	7.5	0.3125	11.375	6	7.5	0.3125	11.375
2 1/2	440	220	890	4	2.5	0.1875	5.625	4	4	0.1875	7.25	4	4.5	0.25	8.25	4	5.5	0.25	9.25	6	6.5	0.25	10.25	6	8	0.3125	12.375	6	8	0.3125	12.375
3	530	265	1400	4	3	0.1875	6.187	4	4	0.25	7.25	4	4.5	0.25	8.25	4	5.5	0.3125	9.25	6	6.5	0.3125	10.25	6	8	0.375	12.375	6	8	0.375	12.375
4	840	420	1730	4	4	0.1875	7.25	4	4.5	0.25	8.25	4	5.5	0.25	9.25	4	6.5	0.3125	10.25	6	7.5	0.3125	11.375	6	9	0.375	13.375	6	9	0.375	13.375
5	1050	525	2060	4	4.5	0.1875	8.25	4	5.5	0.25	9.25	4	6.5	0.25	10.25	4	7.5	0.3125	11.375	6	8	0.3125	12.375	6	9.5	0.375	14.625	6	9.5	0.375	14.625
6	1275	638	2400	4	5.5	0.1875	9.25	4	6.5	0.25	10.25	4	7.5	0.25	11.375	4	8	0.3125	12.375	6	9	0.3125	13.375	6	10.5	0.375	15.625	6	10.5	0.375	15.625
8	1700	850	3020	4	7.5	0.1875	11.375	4	8	0.25	12.375	4	9	0.25	13.375	6	9.5	0.3125	14.625	6	10.5	0.3125	15.625	6	12	0.375	17.625	6	12	0.375	17.625
10	2000	1000	3700	4	9	0.1875	13.625	4	9.5	0.25	14.875	4	10.5	0.25	15.875	6	11	0.3125	16.875	6	12	0.3125	17.875	6	13	0.375	19.875	6	13	0.375	19.875
12	2200	1100	4320	4	10.5	0.1875	15.625	4	11	0.25	16.875	4	12	0.25	17.875	6	12.5	0.3125	18.875	6	13	0.3125	19.875	6	14.5	0.375	21.875	6	14.5	0.375	21.875
14	2500	1250	4700	4	11	0.1875	16.625	4	12	0.25	17.875	4	12.5	0.25	18.875	6	13	0.3125	19.875	6	14	0.3125	20.875	6	15.5	0.375	22.875	6	15.5	0.375	22.875
16	2900	1450	5340	4	12.5	0.1875	18.625	4	13	0.25	19.875	6	14	0.25	20.875	6	14.5	0.3125	21.875	6	15.5	0.3125	22.875	8	16.5	0.375	24.875	8	16.5	0.375	24.875
18	3200	1600	5970	4	14	0.1875	20.625	4	14.5	0.25	21.875	6	15.5	0.25	22.875	6	16	0.3125	23.875	6	16.5	0.3125	24.875	8	18	0.375	26.875	8	18	0.375	26.875
20	3400	1700	6600	4	15.5	0.1875	22.625	4	16	0.25	23.875	6	16.5	0.25	24.875	6	17.5	0.3125	25.875	6	18	0.3125	26.875	8	19.5	0.375	28.875	8	19.5	0.375	28.875
24	3600	1800	7850	4	18	0.1875	26.625	4	19	0.25	27.875	6	19.5	0.25	28.875	6	20.5	0.3125	29.875	6	21	0.3125	30.875	8	22.5	0.375	32.875	8	22.5	0.375	32.875
30	4700	2350	9740	4	22.5	0.1875	33.125	6	23	0.25	34.125	6	24	0.25	35.125	6	24.5	0.3125	36.125	6	25	0.3125	37.125	8	26.5	0.375	39.125	8	26.5	0.375	39.125
36	5500	2750	11600	4	26.5	0.1875	39.125	6	27.5	0.25	40.125	6	28	0.25	41.125	6	28.5	0.3125	42.125	6	29.5	0.3125	43.125	8	31	0.375	45.125	8	31	0.375	45.125
42	6200	3100	13500	4	31	0.1875	45.125	6	31.5	0.25	46.125	6	32.5	0.25	47.125	6	33	0.3125	48.125	6	33.5	0.3125	49.125	8	35	0.375	51.125	8	35	0.375	51.125

Application:

Model C4000 through C4030 are designed for use on:

- Hot water
- Cold water
- Chilled water
- Dual temperature
- Where large axial forces must be resisted
- 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., C4000U)

Features:

- All pipe sizes
- Easy installation
- Overlapping galvanized sheet metal jacket
- Insulating structural inserts for load transfer
- Other I.D.'s and/or O.D.'s available on request
- Bottom-of-pipe to top-of-shield matches insulated supports in "B" series

Performance test results on file:

Available upon request.

Material Data:

- C4000 - C4030: specification document: No. 209.

- **Steel Inner Thrust Plates** (supplied loose):

Model	ASTM	For Pipe Material
C4000	A36	Carbon Steel
C4010	A387GR.22	Chrome-Moly
C4020	A515GR.70	Carbon Silicon
C4030	A304L	Stainless Steel

- **Structural Inserts:** High-density calcium silicate. Asbestos-free, treated with water repellent.

- **Jackets:** Galvanized Steel ASTM A-653.

- **Steel Straps & Base:** Carbon Steel ASTM A-36

- **Glue:** Industrial contact adhesive.

- **Coating:** Primer coated or hot dipped galvanized. Other coatings available upon request.

Fasteners: ASTM A-307 plated.

Formal submittal sheets available