



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: C4200.

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

Pipe Size	Load Rating			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
1	400	200	640	4	2.5	0.25	5.375	4	3	0.25	6.437	4	4	0.25	7.5	6	4.5	0.25	8.5	6	6.5	0.3125	10.5
1 1/2	580	290	930	4	2.5	0.25	5.875	4	4	0.25	7.5	4	4.5	0.3125	8.5	6	5.5	0.3125	9.5	6	7.5	0.3125	11.625
2	720	360	1160	4	3	0.25	6.4375	4	4	0.25	7.5	4	4.5	0.3125	8.5	6	5.5	0.3125	9.5	6	7.5	0.3125	11.625
2 1/2	870	435	1410	4	4	0.25	7.5	4	4.5	0.25	8.5	4	5.5	0.3125	9.5	6	6.5	0.3125	10.5	6	8	0.375	12.625
3	1060	530	2400	4	4	0.3125	7.5	4	4.5	0.3125	8.5	4	5.5	0.375	9.5	6	6.5	0.375	10.5	6	8	0.5	12.625
4	1680	840	2900	4	4.5	0.3125	8.5	4	5.5	0.3125	9.5	4	6.5	0.375	10.5	6	7.5	0.375	11.625	6	9	0.5	13.625
5	2100	1050	3400	4	5.5	0.3125	9.5	4	6.5	0.3125	10.5	4	7.5	0.375	11.625	6	8	0.375	12.625	6	9.5	0.5	14.875
6	2550	1275	3900	4	6.5	0.3125	10.5	4	7.5	0.3125	11.625	4	8	0.375	12.625	6	9	0.375	13.625	6	10.5	0.5	15.875
8	3400	1700	4850	4	8	0.3125	12.625	4	9	0.3125	13.625	6	9.5	0.375	14.875	6	10.5	0.375	15.875	6	12	0.5	17.875
10	4000	2000	5850	4	9.5	0.3125	15.125	4	10.5	0.3125	16.125	6	11	0.375	17.125	6	12	0.375	18.125	6	13	0.5	20.125
12	4400	2200	6800	4	11	0.3125	17.125	4	12	0.3125	18.125	6	12.5	0.375	19.125	6	13	0.375	20.125	6	14.5	0.5	22.125
14	5000	2500	7350	4	12	0.3125	18.125	4	12.5	0.3125	19.125	6	13	0.375	20.125	6	14	0.375	21.125	6	15.5	0.5	23.125
16	5800	2900	8320	4	13	0.3125	20.125	6	14	0.3125	21.125	6	14.5	0.375	22.125	6	15.5	0.375	23.125	8	16.5	0.5	25.125
18	6400	3200	9240	4	14.5	0.3125	22.125	6	15.5	0.3125	23.125	6	16	0.375	24.125	6	16.5	0.375	25.125	8	18	0.5	27.125
20	6800	3400	10200	4	16	0.3125	24.125	6	16.5	0.3125	25.125	6	17.5	0.375	26.125	6	18	0.375	27.125	8	19.5	0.5	29.125
24	7200	3600	12000	4	19	0.3125	28.125	6	19.5	0.3125	29.125	6	20.5	0.375	30.125	6	21	0.375	31.125	8	22.5	0.5	33.125
30	9400	4700	14900	6	23	0.3125	34.375	6	24	0.3125	35.375	6	24.5	0.375	36.375	6	25	0.375	37.375	8	26.5	0.5	39.375
36	11000	5500	17750	6	27.5	0.3125	40.375	6	28	0.3125	41.375	6	28.5	0.375	42.375	6	29.5	0.375	43.375	8	31	0.5	45.375
42	12400	6200	20500	6	31.5	0.3125	46.375	6	32.5	0.3125	47.375	6	33	0.375	48.375	6	33.5	0.375	49.375	8	35	0.5	51.375

Application:

Model C4100 through C4130 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., C4100U)

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:

- C4100 - C4130: specification document: No. 209.
- **Steel Inner Thrust Plates** (supplied loose):

Model	ASTM	For Pipe Material
C4100	A36	Carbon Steel
C4110	A387GR.22	Chrome-Moly
C4120	A515GR.70	Carbon Silicon
C4130	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