



Contact factory for other dimensional, temperature, load, or axial travel requirements.

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: C3200, C4100

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"			Insul. Thk. = 5"		
	Vert. Lbs	Axial Lbs	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E	B	C	E
1/2	280	56	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	350	70	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	12.25
1	450	90	4	2	3.875	4	2.5	5	4	3	6.062	4	4	7	6	4.5	8	6	6.5	10	8	8	12.25
1 1/2	650	130	4	2	4.5	4	2.5	5.5	4	4	7.125	4	4.5	8.125	6	5.5	9.125	6	7.5	11.25	8	9	13.25
2	750	150	4	2.5	5	4	3	6.0625	4	4	7.125	4	4.5	8.125	6	5.5	9.125	6	7.5	11.25	8	9	13.25
2 1/2	920	184	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	1060	212	4	3	6.187	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	1680	336	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	2100	420	4	4.5	8.5	4	5.5	9.5	4	6.5	10.5	4	7.5	11.625	6	8	12.625	6	9.5	14.875	8	11	16.875
6	2550	510	4	5.5	9.5	4	6.5	10.5	4	7.5	11.625	4	8	12.625	6	9	13.625	6	10.5	15.875	8	12	17.875
8	3400	680	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	18.125	8	13	20.125
10	4000	800	4	9	13.875	4	9.5	15.125	4	10.5	16.125	6	11	17.125	6	12	18.125	6	13	20.125	8	14.5	22.125
12	4400	880	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	5000	1000	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	5800	1160	4	12.5	19.375	4	13	20.375	6	14	21.375	6	14.5	22.375	6	15.5	23.375	8	16.5	25.375	8	18	27.375
18	6400	1280	4	14	21.375	4	14.5	22.375	6	15.5	23.375	6	16	24.375	6	16.5	25.375	8	18	27.375	8	19.5	29.375
20	6800	1360	4	15.5	23.375	4	16	24.375	6	16.5	25.375	6	17.5	26.375	6	18	27.375	8	19.5	29.375	8	21	31.375
24	7200	1440	4	18	27.375	4	19	28.375	6	19.5	29.375	6	20.5	30.375	6	21	31.375	8	22.5	33.375	8	24	35.375
30	9400	1880	4	22.5	33.625	6	23	34.625	6	24	35.625	6	24.5	36.625	6	25	37.625	8	26.5	39.625	8	28	41.625
36	11000	2200	4	26.5	40.125	6	27.5	41.125	6	28	42.125	6	28.5	43.125	6	29.5	44.125	8	31	46.125	8	32.5	48.125
42	12400	2480	4	31	46.125	6	31.5	47.125	6	32.5	48.125	6	33	49.125	6	33.5	50.125	8	35	52.125	8	36.5	54.125

Application:

Model C3100 is designed for use on:

- Hot Water · Vacuum · Gas
- Cold Water · Steam · Air
- Dual Temperature · Chilled Water
- Where thermal cycle are infrequent
- Where axial forces are relatively light or in balance

Intended for installation on:

- Flat Surfaces

Temperature Range: +40° F to +1200° F

Features:

- All pipe sizes
- Easy Installation
- Eliminates welding to pipe
- 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:

- **C3100:** Applicable PSI spec. doc.: No. 209.
- **Insulation:** Calcium Silicate asbestos-free, treated with water repellent.
- **Jackets:** Galvanized Steel ASTM A-527.
- **Glue:** Industrial contact adhesive
- **Structural Inserts:** High-density calcium silicate asbestos free, treated with water repellent.
- **Steel Straps/Base:** Carbon Steel ASTM A-36.
- **Fasteners:** ASTM A-307 plated.
- **Coating:** Primer coated or hot dipped galvanized. Other coatings available upon request.

Formal Submittal Sheets available.