

7160 / 7160P / 7160H END CAP



Model 7160



Model 7160P



Model 7160H



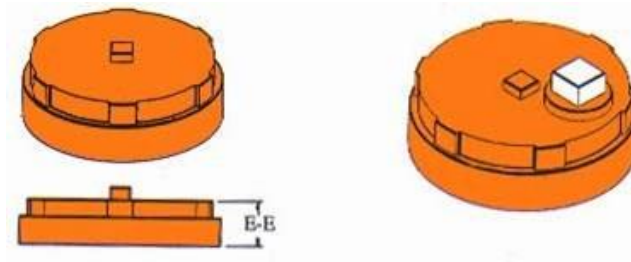
For pressure rating, listing, and approval information, refer to data sheet or visit SHURJOINT website www.shurjoint.com for details or contact your SHURJOINT representatives.

Shurjoint grooved-end fittings are made of ductile iron per ASTM A536 Gr. 65-45-12 and or ASTM A395 Gr. 65-45-15. E-E dimensions are manufacturer's standard.

Shurjoint standard fitting pressure ratings conform to the ratings of Model 7707 couplings.

material specification

- **Fitting Body:**
Ductile Iron castings to ASTM A536, Gr. 65-45-12, min. tensile strength 65,000 psi (448 MPa).
- **Surface Finish:**
Orange color painted or red RAL3000 color painted.
 - Hot dip galvanized (optional).
 - Epoxy coated in red RAL3000 or other colors (optional).



1"-12"

Models 7160 End Cap / 7160P End Cap with Plug

Nominal Pipe Size	Pipe O.D.	7160 End Cap		7160P Plug Size
		E-E	weight	
in	in	in	Lbs	in
mm	mm	mm	kgs	mm
1	1.315	0.87	0.2	---
25	33.4	22	0.1	---
1¼	1.660	1.00	0.3	---
32	42.2	25	0.2	---
1½	1.900	1.00	0.4	---
40	48.3	25	0.2	---
2	2.375	1.00	0.7	½
50	60.3	25	0.3	15
2½	2.875	1.00	0.9	½
65	73.0	25	0.4	15
76.1	3.000	1.00	0.9	½
	76.1	25	0.4	15
3	3.500	1.00	1.5	½
80	88.9	25	0.7	15
108.0	4.250	1.00	2.4	---
	108.0	25	1.1	---
4	4.500	1.00	2.2	1
100	114.3	25	1.0	25
133.0	5.250	1.00	3.7	---
	133.0	25	1.7	---
139.7	5.500	1.00	3.7	1
	139.7	25	1.7	25
5	5.563	1.00	3.7	1
125	141.3	25	1.7	25
159.0	6.250	1.00	5.1	---
	159.0	25	2.3	---
165.1	6.500	1.00	6.0	1
	165.1	25	2.7	25

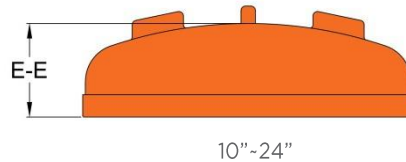
7160 / 7160P / 7160H END CAP
Rev.20220615

Models 7160 End Cap / 7160P End Cap with Plug

Nominal Pipe Size	Pipe O.D.	7160 End Cap		7160P Plug Size
		E-E	weight	
in	in	in	Lbs	in
mm	mm	mm	kgs	mm
6	6.625	1.00	6.0	1
150	168.3	25	2.7	25
8	8.625	1.18	10.1	1½
200	219.1	30	4.6	40
10	10.750	1.25	15.4	1½
250	273.0	32	7.0	40
12	12.750	1.25	22.0	1½
300	323.9	32	10.0	40
200 JIS	8.516	1.18	10.1	---
	216.3	30	4.6	---
250 JIS	10.528	1.25	15.4	---
	267.4	32	7.0	---
300 JIS	12.539	1.25	22.0	---
	318.5	32	10.0	---

MODEL 7160H DOMED END CAP

Shurjoint 7160H end caps are cast of ductile iron and are designed to withstand pressure evenly over the entire spherical surface. The Model 7160H End Cap is designed for use on 10" ~ 24" mechanical piping applications.



Model 7160H Domed End Cap				
Nominal Pipe Size	Pipe O.D.	#7160H Domed End Cap		
		E-E	weight	
in	in	in		Lbs
mm	mm	mm		kgs
10	10.750	3.00		12.1
250	273.0	76.1		5.5
12	12.750	3.00		16.3
300	323.9	76.1		7.4
14	14.000	4.00		26.4
350	355.6	102.0		12.0
16	16.000	4.00		32.0
400	406.4	102.0		14.5
18	18.000	5.00		39.2
450	457.2	127.0		17.8
20	20.000	6.00		53.9
500	508.0	152.0		24.5
24	24.000	6.00		75.9
600	609.6	152.0		34.5
28	28.000	10.50		125.1
700	711.2	266.6		56.8

General note

- *Pressure Ratings* for fittings conform to the working pressure of the coupling used to join the system.
- *Field Joint Test:* For one time only, the system may be tested hydrostatically at 1½ times the maximum working pressure listed (AWWA C606 5.2.3).
- *Warning:* Piping systems must always be depressurized and drained before attempting disassembly and or removal of any components.
- The 10 Year Limited Warranty applies to manufacturing defects only and does not cover severe service/temperature applications or wear parts.
- Shurjoint reserves the right to change specifications, designs and or standard without notice and without incurring any obligations.