



**MODELS 7160 END CAP
7160P END CAP WITH PLUG
7160H DOMED END CAP**

Shurjoint grooved end fittings are designed to meet the ASTM F1548-01 and all groove dimensions conform to ANSI / AWWA C606-04 and or ISO/FDIS 6182-12. For dimensional tolerances of cast fittings, refer to ISO/FDIS 6182-12 Table 3. *Shurjoint* grooved fittings are cast of ductile iron.



Model 7160



Model 7160P



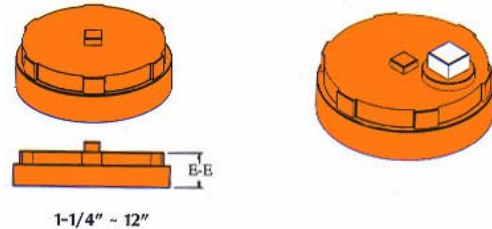
Model 7160H

MATERIAL SPECIFICATIONS

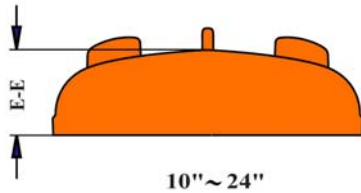
- **Fitting body:**
Ductile Iron to ASTM A536, Gr. 65-45-12, Min. tensile strength 448MPa (65,000 psi).
- **Surface Finish:**
Orange color painted or red RAL3000 color painted.
 - Hot dip galvanized (Option).
 - Epoxy coated in red RAL3000 or other colors. (Option)

Job Name:	System No.	Location:	
Contractor:	Approved:	Date:	
Engineer:	Approved:	Date:	

Shurjoint product specifications in U.S. customary units and metric are approximate and are provided for reference only. For precise measurements, please contact *Shurjoint* Technical Service. *Shurjoint* reserves the right to change or modify product design, construction, specifications, or materials without prior notice and without incurring any obligations to make such changes and modifications on *Shurjoint* products previously subsequently sold.

**MODELS 7160 END CAP
 7160P END CAP WITH PLUG**


Models 7160 End Cap / 7160P End Cap with Plug						
Nominal Pipe Size	Pipe O.D.	7160 End Cap		7160P Plug Size		
mm in	mm in	E-E mm / in	Kgs Lbs	mm in		
32 1.25	42.2 1.660	25 1.00	0.2 0.4	---	---	
40 1.5	48.3 1.900	25 1.00	0.2 0.4	---	---	
50 2	60.3 2.375	25 1.00	0.3 0.7	15 0.5	---	
65 2.5	73.0 2.875	25 1.00	0.4 0.9	15 0.5	---	
65 2.5	76.1 3.000	25 1.00	0.4 0.9	15 0.5	---	
80 3	88.9 3.500	25 1.00	0.7 1.5	15 0.5	---	
100 4	114.3 4.500	25 1.00	1.0 2.2	25 1	---	
100 4	108.0 4.250	25 1.00	1.1 2.4	---	---	
125 5	141.3 5.563	25 1.00	1.7 3.7	25 1	---	
125 5	133.0 5.250	25 1.00	1.7 3.7	---	---	
125 5	139.7 5.500	25 1.00	1.7 3.7	25 1	---	
150 6	168.3 6.625	25 1.0	3.0 6.6	25 1	---	
150 6	159.0 6.250	25 1.00	2.3 5.1	---	---	
150 6	165.1 6.500	25 1.00	3.0 6.6	25 1	---	
200 8	219.1 8.625	30 1.18	5.5 12.1	40 1.5	---	
200JIS 8	216.3 8.516	30 1.18	4.6 10.1	---	---	
250 10	273.0 10.750	32 1.25	7.0 15.4	40 1.5	---	
250JIS 10	267.4 10.528	32 1.25	7.0 15.4	---	---	
300 12	323.9 12.750	32 1.25	10.0 22.0	40 1.5	---	
300JIS 12	318.5 12.539	32 1.25	10.0 22.0	---	---	

MODEL 7160H DOMED END CAP


Model 7160H Domed End Cap			
Nominal Pipe Size	Pipe O.D.	#7160H Domed End Cap	
mm in	mm in	E-E mm / in	Kgs Lbs
250 10	273.0 10.750	76.1 3.00	5.5 12.1
300 12	323.90 12.750	76.1 3.00	7.4 16.3
350 14	355.6 14.000	102 4.00	11.6 25.5
400 16	406.4 16.000	102 4.00	14.6 32.1
450 18	457.2 18.000	127 5.00	20.5 45.1
500 20	508.0 20.000	152 6.00	24.5 53.9
550 22	558.8 22.000	152 6.00	44.0 97.0
600 24	609.6 24.000	152 6.00	34.5 75.9

General Notes:

- Pressure ratings listed are CWP (cold water pressure) or maximum working pressure within the service temperature range of the gasket used in the coupling. This rating may occasionally differ from maximum working pressures listed and/or approved by cULus and/or FM as testing conditions and test pipes differ. For additional information contact **Shurjoint**.
- Maximum working pressures and end loads listed are total of internal and external pressures and loads based on Sch. 40 steel pipe with roll grooves to ANSI/AWWA C606-04 specifications. For information on other pipe schedules contact **Shurjoint**.
- **For one time field test only** the maximum joint working pressure may be increased 1-1/2 times the figures shown.
- **Warning:** Piping systems must always be depressurized and drained before attempting disassembly and or removal of any components.
- **Shurjoint** reserves the right to change specifications, designs and or standard equipment without notice and without incurring any obligations.