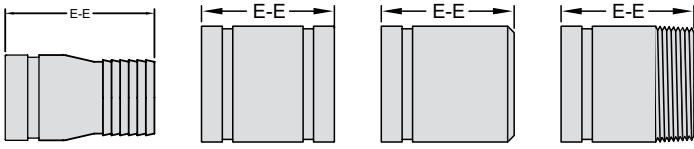


# GROOVED-END FITTINGS

- 56 Hose Nipple
- 57 Nipple | Grooved x Grooved
- 58 Nipple | Grooved x Beveled
- 59 Nipple | Grooved x Threaded



Job Name:	
Job Location:	
Engineer:	
Contractor:	
Tag:	
PO#:	
Rep:	
Wholesale Dist.:	



**56**

**57**

**58**

**59**

The Shurjoint Model 56 hose nipple allows for a direct connection with rubber or plastic hoses.

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

All grooved nipples are provided with cut grooves to AWWA C606 specifications.

## DIMENSIONS

NOMINAL PIPE SIZE	PIPE O.D.	57 (GR X GR)		58 (GR X BEV)		59 (GR X TH)	
		E - E	WEIGHT	E - E	WEIGHT	E - E	WEIGHT
in	in	in	lb	in	lb	in	lb
mm	mm	mm	kg	mm	kg	mm	kg
3/4	1.050	3	0.29	3	0.29	3	0.29
20	26.7	76	0.13	76	0.13	76	0.13
1	1.315	3	0.42	3	0.42	3	0.42
25	33.4	76	0.19	76	0.19	76	0.19
1-1/4	1.660	4	0.68	4	0.70	4	0.66
32	42.2	102	0.31	102	0.32	102	0.30
1-1/2	1.900	4	0.82	4	0.84	4	0.79
40	48.3	102	0.37	102	0.38	102	0.36
2	2.375	4	1.10	4	1.10	4	1.10
50	60.3	102	0.50	102	0.50	102	0.50
2-1/2	2.875	4	1.76	4	1.76	4	1.54
65	73.0	102	0.80	102	0.80	102	0.72
76.1 mm	3.000	4	1.98	4	1.98	4	1.98
	76.1	102	0.90	102	0.90	102	0.90
3	3.500	4	2.40	4	2.40	4	2.20
80	88.9	102	1.10	102	1.10	102	1.00
4	4.500	6	5.17	6	5.17	6	4.84
100	114.3	152	2.35	152	2.35	152	2.20
5	5.563	6	7.26	6	7.26	6	6.60
125	141.3	152	3.30	152	3.30	152	3.00
139.7 mm	5.500	6	7.26	6	7.26	6	6.60
	139.7	152	3.30	152	3.30	152	3.00
6	6.625	6	9.90	6	9.90	6	9.81
150	168.3	152	4.50	152	4.50	152	4.46
165.1 mm	6.500	6	9.46	6	9.46	6	9.81
	165.1	152	4.30	152	4.30	152	4.46
8	8.625	6	14.30	6	14.30	---	---
200	219.1	152	6.50	152	6.50	---	---
10	10.750	8	27.06	8	19.00	---	---
250	273.0	203	12.30	203	8.66	---	---
12	12.750	8	35.64	8	22.35	---	---
300	323.9	203	16.20	203	10.16	---	---
200 JIS	8.516	6	14.30	6	14.30	---	---
	216.3	152	6.50	152	6.50	---	---
250 JIS	10.528	8	27.06	8	19.00	---	---
	267.4	203	12.30	203	8.66	---	---
300 JIS	12.539	8	35.64	8	22.35	---	---
	318.5	203	16.20	203	10.16	---	---
14	14.000	8	36.38	8	36.38	---	---
350	355.6	203	16.50	203	16.50	---	---
16	16.000	8	41.67	8	41.67	---	---
400	406.4	203	18.90	203	18.90	---	---
18	18.000	8	47.19	8	47.19	---	---
450	457.0	203	21.40	203	21.40	---	---
20	20.000	8	52.48	8	52.48	---	---
500	508.0	203	23.80	203	23.80	---	---
24	24.000	8	63.28	8	63.28	---	---
600	610.0	203	28.70	203	28.70	---	---

# GROOVED-END FITTINGS

- 56 Hose Nipple
- 57 Nipple | Grooved x Grooved
- 58 Nipple | Grooved x Beveled
- 59 Nipple | Grooved x Threaded

## DIMENSIONS

NOMINAL SIZE	PIPE O.D.	56	
		E-E	WEIGHT
in	in	in	lb
mm	mm	mm	kg
1	1.315	3.3	0.4
25	33.4	83	0.2
1-1/4*	1.660	3.6	0.7
32	42.2	92	0.3
1½	1.900	4.0	0.7
40	48.3	102	0.3
2	2.375	4.6	1.2
50	60.3	117	0.6
2-1/2	2.875	5.5	2.2
65	73.0	140	1.0
3	3.500	6.0	3.3
80	88.9	152	1.5
4	4.500	7.25	5.5
100	114.3	184	2.5
5*	5.563	9.75	8.1
125	141.3	248	3.7
6	6.625	11.0	14.5
150	168.3	279	6.6
8	8.625	12.5	24.2
200	219.1	318	11.0
10*	10.750	14.0	29.0
250	273.0	356	13.2
12*	12.750	16.0	46.0
300	323.9	406	20.9

## MATERIAL SPECIFICATIONS

### FITTING BODY:

- 57,58,59 Material: Carbon steel Sch. 40 pipe to ASTM A53
- 56 Material: Ductile iron ASTM A536 Gr. 65-45-12 and or ASTM A395 Gr. 65-45-15

### SURFACE FINISH:

- Black

## GENERAL NOTES

- Maximum Working Pressure (CWP) listed is the maximum cold water pressure for general piping services tested to ASTM F1476 and or AWWA C606 methods. Figures listed are based on roll- or cut-grooved standard wall carbon steel pipe. For other pipe schedules or pipe materials, contact Shurjoint for additional information.
- Max. End Load is calculated based on the maximum working pressure (CWP).
- Listed and or Approved Pressures are pressure ratings for fire protection systems, tested and approved by various approval bodies. Please always refer to the latest approval data posted on the Shurjoint website.
- Field Joint Test: For one time only the system may be tested hydrostatically at 1.5 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.