

GROOVED FITTINGS - SHORT PATTERN

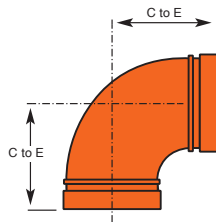
STYLES F105, F106, F107, F135 & F155



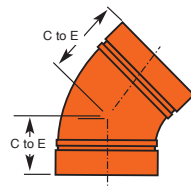
- Sized to improve flow
- Designed to Fire Protection Industry Standards for short pattern fittings
- Lighter and more cost effective than standard fittings
- Rated for 300 psi
- Made of durable, high-strength ductile iron conforming to ASTM A536; every lot is metallurgically tested for compliance
- Available with hot dipped galvanized coating

FLOW DATA								
Frictional Resistance (Expressed as equivalent Straight Pipe in Ft.)								
Nominal Size (In)	90° Elbow		45° Elbow		Tee			
	STD	F105	STD	F106	Branch		Run	
					STD	F107	STD	F107
1	1.7	1.4	0.9	0.9	4.4	4.0	1.7	1.4
1-1/4	2.3	1.8	1.2	1.0	5.8	4.2	2.3	1.8
1-1/2	2.7	2.5	1.3	1.3	6.7	5.5	2.7	2.5
2	3.4	3.2	1.7	1.6	8.6	8.2	3.4	2.5
2-1/2	4.1	3.9	2.1	2.0	10.3	10.1	4.1	3.9
3	5.1	4.8	2.6	2.4	12.8	12.5	5.1	4.8
4	6.7	6.5	3.4	3.2	16.8	16.0	6.7	6.5

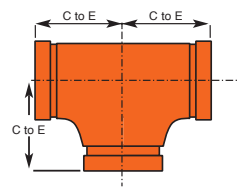
Flow data is based upon the pressure drop of Sch. 40 pipe



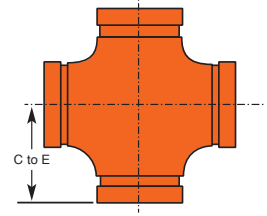
Style F105



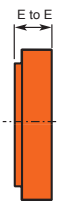
Style F106



Style F107



Style F135



Style F155

Pipe		90° Elbow No. F105		45° Elbow No. F106		Equal Tee No. F107		Cross No. F135		End Cap No. F155	
Nominal Size (In.)	Actual Size (In.)	C to E (In.)	Approx. Wgt. Ea. (Lb.)	C to E (In.)	Approx. Wgt. Ea. (Lb.)	C to E (In.)	Approx. Wgt. Ea. (Lb.)	C to E (In.)	Approx. Wgt. Ea. (Lb.)	E to E (In.)	Approx. Wgt. Ea. (Lb.)
1	1.315	2.24	0.80	1.50	.70	2.24	1.10	—	—	0.96	.33
1-1/4	1.66	2.36	0.96	1.73	0.88	2.36	1.18	—	—	0.96	0.40
1-1/2	1.9	2.362	1.01	1.73	.78	2.362	1.34	2.75	2.5	0.96	0.44
2	2.375	2.755	1.24	2.00	1.20	2.755	1.98	2.75	2.49	0.96	0.61
2-1/2	2.875	2.992	2.03	2.24	1.63	2.992	2.82	2.99	3.19	0.96	0.85
3	3.5	3.368	2.53	2.52	2.38	3.386	3.90	3.38	5.09	0.99	1.01
4	4.5	3.996	3.74	3.00	3.84	3.996	5.72	3.99	7.22	0.99	1.42
5	5.563	4.803	7.20	3.28	5.74	4.803	9.52	4.80	7.23	0.99	2.80
6	6.625	5.61	9.06	3.51	8.11	5.5	14.13	5.5	15.97	0.99	4.40
8	8.625	6.889	20.52	4.25	14.27	6.889	27.07	6.88	28.66	1.181	9.30

PROJECT	APPROVAL STAMP
PROJECT:	<input type="checkbox"/> APPROVED
ADDRESS:	<input type="checkbox"/> APPROVED AS NOTED
ENGINEER:	<input type="checkbox"/> NOT APPROVED
SUBMITTAL DATA:	REMARKS:
NOTES 1:	
NOTES 2:	