



FlexHead Fire Pipe are flexible branch line pipe connectors used for uncommon fabricated pipe fittings. The FFP is available in pipe sizes 2", 2-1/2", 3", 4" and standard lengths of 24" and 48". The 24" length allows for one bend up to 90°. The 48" length allows for 2 bends up to 180°. The FFP can provide an off the shelf solution for odd angled connections and can reduce the number of fittings and coupling needed to connect a branch pipe.

The FFP comes with standard cut groove or with the patented SLT Technology pre-installed with SlideLok 74FP couplings. With pressure rating of 300psi up to 3" and 250psi for 4".

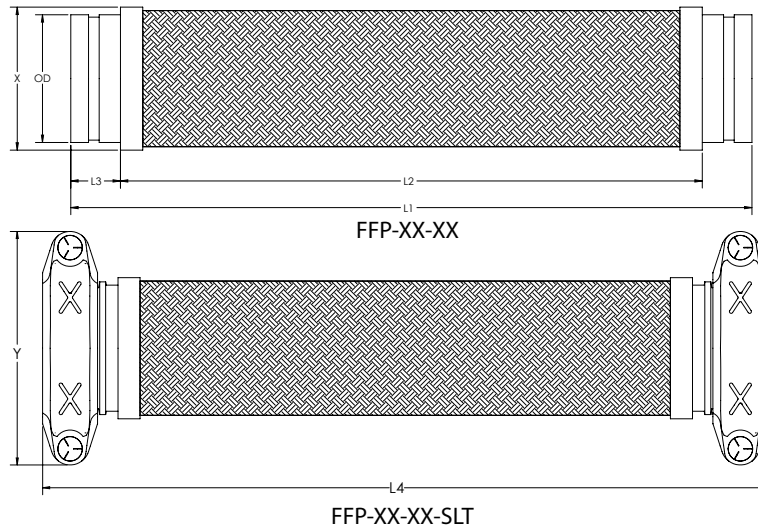
MATERIAL SPECIFICATIONS

FFP – Flexible SS Pipe

- Pipe End - 304 SS
- Braid – 304 SS
- Bellows – 304 SS
- Collar – 304 SS

Couplings – 74FP

- Housing Ductile Iron conforming to ASTM A-535, Grade 65-45-12
- Gasket – Pre Lubricated Grade "E" EPDM, Type A Gasket (Violet Color)
- Bolts – SAE J429, Grade 5, Zinc Electroplated
- Heavy Hex Nuts - ASTM A 5563, Grade A Zinc Electroplated
- Coatings – Rust Inhibiting Paint Color: Orange
- Hot Dipped Zinc Galvanized



FlexHead Fire Pipe													
FFP Loading & Dimensions													
Model Number	Size ANSI	O.D.	Max Working Pressure	Min Bend Radius	Max Number of Bends	Dimensions						Approx Wt. Ea.	Approx Wt W/SLT
						L1	L2	L3	L4	X	Y		
	In./Dn	In./mm.	PSI/Bar	In./mm.		In./mm.	In./mm.	In./mm.	In./mm.	In./mm.	In./mm.	lbs/kg	lbs/kg
FFP-2.0-24	2	2.375	300	8	1	24	20 1/2	1 3/4	26	2 1/2	6 15/16	2.5	7.9
FFP-2.0-24-SLT	50	60.3	20.7	203	1	609.6	520.7	44.45	660	63.5	176.2125	1.1	3.6
FFP-2.0-48	2	2.375	300	8	2	48	44 1/2	1 3/4	51	2 1/2	6 15/16	5.5	10.9
FFP-2.0-48-SLT	50	60.3	20.7	203	2	1219.2	1130.3	44.45	1295	63.5	176.2125	2.5	5.0
FFP-2.5-24	2-1/2	2.875	300	8	1	24	20 1/2	1 3/4	26	3 1/4	6 15/16	3.0	8.8
FFP-2.5-24-SLT	65	73	20.7	203	1	609.6	520.7	44.45	660	83	176.2125	1.4	4.0
FFP-2.5-48	2-1/2	2.875	300	8	2	48	44 1/2	1 3/4	51	3 1/4	6 15/16	8.0	13.8
FFP-2.5-48-SLT	65	73	20.7	203	2	1219.2	1130.3	44.45	1295	83	176.2125	3.6	6.3
FFP-3.0-24	3	3.5	300	8	1	24	20 1/2	1 3/4	26	4	6 15/16	5.5	12.7
FFP-3.0-24-SLT	80	88.9	20.7	203	1	609.6	520.7	44.45	660	102	176.2125	2.5	5.8
FFP-3.0-48	3	3.5	300	8	2	48	44 1/2	1 3/4	51	4	6 15/16	10.0	17.2
FFP-3.0-48-SLT	80	88.9	20.7	203	2	1219.2	1130.3	44.45	1295	102	176.2125	4.5	7.8
FFP-4.0-24	4	4.5	250	8	1	24	20 1/2	1 3/4	26	5	6 15/16	8.0	17.4
FFP-4.0-24-SLT	100	114.3	17	203	1	609.6	520.7	44.45	660	124	176.2125	3.6	7.9
FFP-4.0-48	4	4.5	250	8	2	48	44 1/2	1 3/4	51	5	6 15/16	14.0	23.1
FFP-4.0-48-SLT	100	114.3	17	203	2	1219.2	1130.3	44.45	1295	124	176.2125	6.4	10.5

INSTALLATION INSTRUCTIONS

1. Bend to the desired angle. Note the bend radius not to be tighter than 8".
2. Installed grooved coupling per the Fig 74FP installation instructions.
3. Add a hanger before and after the flexible hose assembly.
4. Additional restraints may be required to prevent excess movement when system is pressurized.

FRICTION LOSS DATA					
Ft of Pipe*	24" Straight	24" 90°	48" Straight	48" 90°	48" U-Bend
2"	8.4	16.9	16.6	27.8	33.9
2.5"	8.8	13.4	16.5	21.9	26.3
3"	9.9	16.7	22.9	31.3	36.7
4"	9.7	17	19.9	27.7	33.6

* - Ft of Sch 40 Steel Pipe of the same nominal diameter.