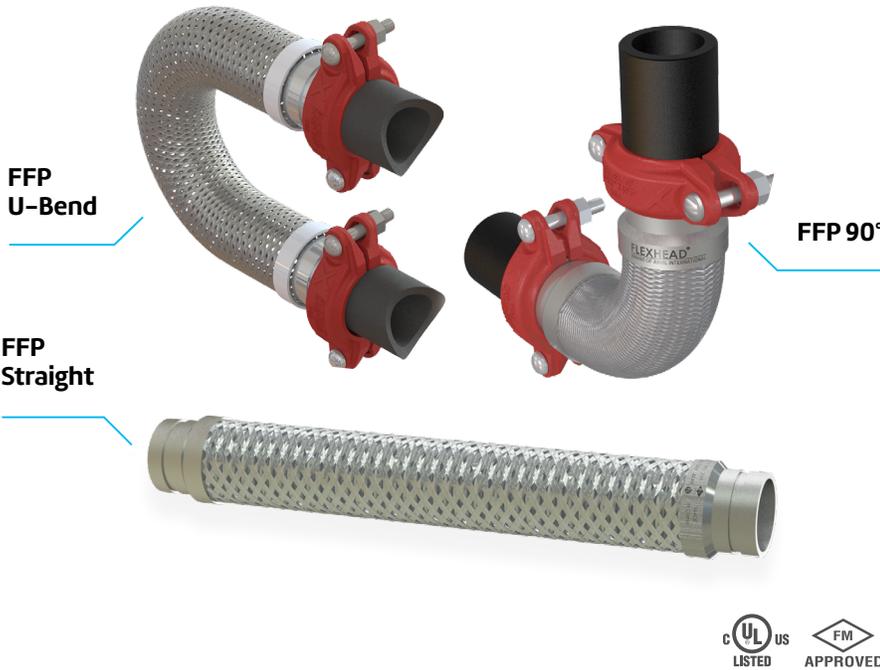


FlexHead® Fire Pipe Fig. FFP



Material Specifications

FFP – Flexible SS Pipe

Pipe End

304 Stainless Steel

Braid

304 Stainless Steel

Bellows

304 Stainless Steel

Collar

304 Stainless Steel

Couplings – 74FP

Housing

Ductile Iron conforming to ASTM A-535, Grade 65-45-12

Gasket

Pre Lubricated Grade "E" EPDM,
Type A Gasket
Color: Violet

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) are flexible branch line pipe connectors used for uncommon fabricated pipe fittings. The FFP is available in pipe sizes 2", 2-½", 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.

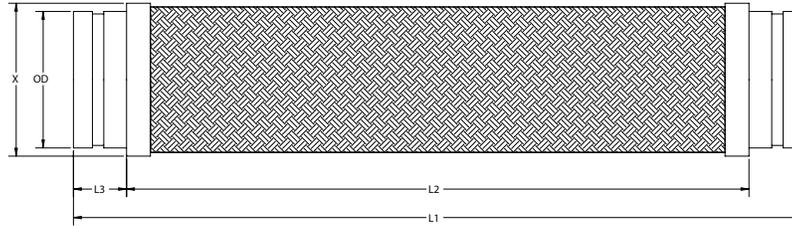
The FFP comes with standard cut groove or with the patented SLT Technology pre-installed with SlideLok 74FP couplings. With pressure rating of 300 psi up to 3" and 250 psi for 4".



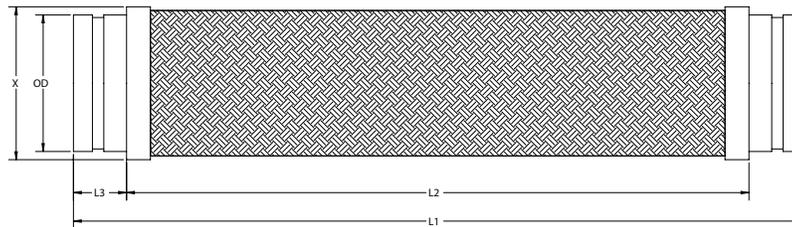
PROJECT INFORMATION	APPROVAL STAMP
Project:	Approved
Address:	Approved as noted
Contractor:	Not approved
Engineer:	Remarks:
Submittal Date:	
Notes 1:	
Notes 2:	

FlexHead® Fire Pipe Fig. FFP

FFP-XX-XX



FFP-XX-XX-SLT



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./mm.	In./mm.	In./mm.	In./mm.	In./mm.	In./mm.		
FFP-2.0-24	2	2.375	300	8	1	24	20½	1¾	26	2½	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	44½	1¾	51	2½	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	2½	2.875	300	8	1	24	20½	1¾	26	3¼	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	2½	2.875	300	8	2	48	44½	1¾	51	3¼	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	20½	1¾	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	44½	1¾	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	20½	1¾	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	44½	1¾	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



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FlexHead® Fire Pipe Fig. FFP

Installation Instructions

1. Bend to the desired angle. Note the bend radius not to be tighter than 8".
2. Install 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
2½"	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

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



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