

BULLETLINER SYSTEM[®] Trenchless Rehabilitation



BulletLiner System[®] O-Series is a semi-structural liner for the trenchless rehabilitation of oil pressure pipes. It works independently from the host pipe or in conjunction with the host pipe dependent up-on the specific project design parameters and pressure requirements. The flexibility of the liner allows it to be pulled through 45-degree bends at up to 1,312-feet per hour via two excavation pits where it's connected to the host pipe with corrosion-protected trenchless termination fittings. Manufactured with a modified abrasion-resistant PE or PU outer layer, reinforced fabric layer, and an airtight PU or PVDF inner layer.

- Close-fit design provides renewal with minimal restriction of internal diameter.
- 5-year material warranty; 50-year design life.

O-Series Flexible Fabric Reinforced Pipe (FFRP) for the Trenchless Rehabilitation of Oil Pressure Pipes

Technical Specifications

Nominal Host Pipe ID (inches)	Independent Operating Pressure (PSI)	BulletLiner System [®] Wall Thickness (inches)	Maximum Manufactured OD	Tensile Strength (tons)	Weight (lbs./foot)
3	232	0.14	3.0	12	0.67
4	232	0.20	3.8	17	1.07
6	232	0.20	5.7	23	1.74
8	232	0.24	7.7	28	2.68
10	232	0.24	9.7	51	3.35
12	232	0.24	11.5	54	4.03
12*	232	0.24	11.5	54	4.03
16	145	0.28	15.9	105	4.27
16*	232	0.28	15.9	126	4.27
18*	145	0.28	17.3	105	5.17
18	232	0.28	17.3	119	5.17
20	145	0.25	19.3	117	6.11
20*	232	0.25	19.3	129	6.11
24	87	0.31	22.8	152	7.19
24*	145	0.31	22.8	152	7.19
28	87	0.31	27.3	180	9.18
28*	145	0.31	27.3	180	9.18
30	87	0.31	29.1	195	9.58
30*	145	0.31	29.1	195	9.58
32	87	0.31	30.7	212	10.21
32*	145	0.31	30.7	212	10.21
36	87	0.31	34.8	249	10.89
40*	58	0.31	38.6	230	12.83
48*	72	0.31	45.5	250	16.12

Standard BulletLiner System[®] O-Series FFRP is manufactured with polyester warp and weft.
*Includes Kevlar Weft reinforcement materials for higher operating pressure.

