



Slurry Discharge Hose

Application	Use for discharge of seawater, sand, or mixture of hard handling material. High flexibility and wear resistant.					
Technical Parameters	Tube: NR, BR, SBR Reinforcement: high tensile strength fabrics with helix steel wire Cover: NR, CR No Negative Pressure					
Safe Factor	3:1					
Working Temperature	-20°C to 80°C					
Flange	Standard ANSI 150 PSI Fixed Flange					
Inner Diameter	Outer Diameter	Thickness of Inner Layer	Working Pressure	Length	Weight	Flange ANSI 150 PSI
4" (102 mm)	5" (128 mm)	5/16" (8 mm)	150 PSI	33' (10 m)	199 lbs (90.3 kg)	Carbon Steel
6" (152 mm)	7" (182 mm)	5/16" (8 mm)	150 PSI	33' (10 m)	331 lbs (150.1 kg)	Carbon Steel
8" (203 mm)	9.3" (237 mm)	5/16" (8 mm)	150 PSI	33' (10 m)	485 lbs (220 kg)	Carbon Steel
10" (254 mm)	11.3" (288 mm)	5/16" (8mm)	150 PSI	33' (10 m)	618 lbs (280.3 kg)	Carbon Steel
12" (300 mm)	13.3" (338 mm)	5/16" (8 mm)	150 PSI	33' (10 m)	850 lbs (385.5 kg)	Carbon Steel

Standard ANSI 150 PSI Flange Specification

Normal Diameter	Number of Bolt Holes	Diameter of Bolt Holes	Flange Thickness	Outer Diameter of Flange
4" (102 mm)	8	5/16" (18 mm)	0.89" (29 mm)	9" (228 mm)
6" (152 mm)	8	5/16" (22 mm)	0.94" (24 mm)	11" (278 mm)
8" (203 mm)	8	5/16" (22 mm)	1.15" (29 mm)	13.5" (345 mm)
10" (254 mm)	12	5/16" (26 mm)	1.18" (30 mm)	16" (405 mm)
12" (300 mm)	12	5/16" (26 mm)	1.26" (32 mm)	19" (485 mm)

Bend Radius

Normal Diameter	Range
4" (102 mm)	24.5" – 40" (620 mm – 1020 mm)
6" (152 mm)	36" – 60" (920 mm – 1520 mm)
8" (203 mm)	48" – 80" (1220 mm – 2030 mm)
10" (254 mm)	60" – 100" (1530 mm – 2540 mm)
12" (300 mm)	72" – 120" (1820 mm – 3040 mm)