



PBH PULSEFORCE / 4SP

STANDARDS: EN 856 4SP, ISO 3862-1 4SP



Application:

Impulsive high pressure hydraulic applications like excavators, dosers, dumpers, cranes, compactors, rock breakers and hydraulic drill rigs and other construction equipments. Suitable for petroleum based hydraulic fluids, synthetic esters, biodegradable hydraulic fluids, water-glycol based fluids and air.

Special Features:

Qualified for 1.0 million impulse cycles which is more than double to relevant EN 856 4SP/ISO 3862-1 4SP standards. Exceeds pressure rating of relevant standards. Good flexibility. Good weather and ozone resistant. MSHA approved and flame resistant cover.

Product Code	Dash	DN	Hose ID (inch)	Hose ID (mm)	Braid OD (mm)	Hose OD (mm)	Maximum Working Pressure			Minimum Burst Pressure			Minimum Bend Radius (mm)	Weight/Meter (Kg/mtr)	Recommended Ferrule
PR410SP	-6	10	3/8	9.5	17.5	21.4	46.0	460	6670	184.0	1840	26680	180	0.750	PF 12 10
PR412SP	-8	12	1/2	12.7	20.2	24.0	43.0	430	6235	172.0	1720	24940	230	0.900	PF 12 12
PR416SP	-10	16	5/8	15.9	23.8	27.6	35.0	350	5000	140.0	1400	20000	250	1.090	PF 12 16
PR419SP	-12	19	3/4	19.0	28.2	32.1	35.0	350	5000	140.0	1400	20000	300	1.510	PF 12 19
PR425SP	-16	25	1	25.4	35.6	38.7	32.0	320	4640	128.0	1280	18560	340	2.090	PF 12 25
PR431SP	-20	31	1-1/4	31.8	46.8	49.8	21.0	210	3000	84.0	840	12000	460	3.100	PF 12 31
PR438SP	-24	38	1-1/2	38.1	52.4	57.3	19.0	190	2755	76.0	760	11020	560	3.610	PF 12 38
PR451SP	-32	51	2	50.8	65.3	71.1	18.0	180	2610	72.0	720	10440	660	5.030	PF 12 51

Working Temperature: - 40°C to +100°C (Continuous)

Intermittent Temperature: - 40°C to +120°C (10% of total working hours)

Note: 1MPa = 10 bar = 145 psi

** For Recommended Ferrule code please e-mail us at techsupport@pixtrans.com.