

## PBH PULSEFORCE / 4SH

**STANDARDS:** EN 856 4SH, ISO 3862-1 4SH



### 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 4SH/ISO 3862-1 4SH standards. Exceeds pressure rating of relevant standard. Good flexibility. Good weather and ozone resistance. 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
							MPa	bar	psi	MPa	bar	psi			
*PR416SH	-10	16	5/8	15.9	24.6	27.6	45.0	450	6525	180.0	1800	26100	250	1.090	PF 12 16
PR419SH	-12	19	3/4	19.0	29.0	32.1	42.0	420	6000	168.0	1680	24000	280	1.510	MPF 3 19
PR425SH	-16	25	1	25.4	35.6	38.7	39.0	390	5655	156.0	1560	22620	340	2.090	MPF 3 25
PR431SH	-20	31	1-1/4	31.8	42.5	45.5	35.0	350	5000	140.0	1400	20000	460	3.100	MPF 3 31
PR438SH	-24	38	1-1/2	38.1	49.0	52.5	29.0	290	4205	116.0	1160	16820	560	3.610	MPF 3 38
PR451SH	-32	51	2	50.8	63.5	67.5	25.0	250	3625	100.0	1000	14500	700	5.030	MPF 3 51

\* PIX Proprietary

**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.