BELTS & HOSE CORP

PIX Hydraulics Europe Limited email: info@pixhose.com

PBH - ECLIPSE

STANDARDS: PIX PROPRIETARY. EXCEEDS PRESSURE RATING OF EN 853 2SN



Application:

Very High pressure hydraulic applications where severity is not so high as that of spiral hoses. Suitable for petroleum based hydraulic fluids and water-glycol based fluids.

Special Features:

Qualified for impulse performance 200,000 cycles. Exceeds pressure ratings of EN 853.

	(inch)	(mm)	(mm)	(mm)		Maximum Working Pressure			st Press		Minimum Bend Radius	Weight/ Meter	Recommende
- 40			()	()	MPa	bar	psi	MPa	bar	psi	(mm) (M	(Kg/mtr)	Ferrule
5 10	3/8	9.5	16.9	18.9	40.0	400	5800	160.0	1600	23200	130	0.565	PF 12 10
3 12	1/2	12.7	21.0	23.1	36.0	360	5220	144.0	1440	20880	180	0.710	PF 12 12
) 16	5/8	15.9	23.5	25.6	34.0	340	4930	136.0	1360	19720	200	0.865	PF 12 16
2 19	3/4	19.0	28.3	30.7	31.0	310	4495	124.0	1240	17980	240	1.045	PF 12 19
5 25	1	25.4	35.5	38.1	24.0	240	3480	96.0	960	13920	300	1.450	PF 12 25
)	12 16 19	12 1/2 16 5/8 19 3/4	12 1/2 12.7 16 5/8 15.9 19 3/4 19.0	12 1/2 12.7 21.0 16 5/8 15.9 23.5 19 3/4 19.0 28.3	12 1/2 12.7 21.0 23.1 16 5/8 15.9 23.5 25.6 19 3/4 19.0 28.3 30.7	12 1/2 12.7 21.0 23.1 36.0 16 5/8 15.9 23.5 25.6 34.0 19 3/4 19.0 28.3 30.7 31.0	12 1/2 12.7 21.0 23.1 36.0 360 16 5/8 15.9 23.5 25.6 34.0 340 19 3/4 19.0 28.3 30.7 31.0 310	12 1/2 12.7 21.0 23.1 36.0 360 5220 16 5/8 15.9 23.5 25.6 34.0 340 4930 19 3/4 19.0 28.3 30.7 31.0 310 4495	12 1/2 12.7 21.0 23.1 36.0 360 5220 144.0 16 5/8 15.9 23.5 25.6 34.0 340 4930 136.0 19 3/4 19.0 28.3 30.7 31.0 310 4495 124.0	12 1/2 12.7 21.0 23.1 36.0 360 5220 144.0 1440 16 5/8 15.9 23.5 25.6 34.0 340 4930 136.0 1360 19 3/4 19.0 28.3 30.7 31.0 310 4495 124.0 1240	12 1/2 12.7 21.0 23.1 36.0 360 5220 144.0 1440 20880 16 5/8 15.9 23.5 25.6 34.0 340 4930 136.0 1360 19720 19 3/4 19.0 28.3 30.7 31.0 310 4495 124.0 1240 17980	12 1/2 12.7 21.0 23.1 36.0 360 5220 144.0 1440 20880 180 16 5/8 15.9 23.5 25.6 34.0 340 4930 136.0 1360 19720 200 19 3/4 19.0 28.3 30.7 31.0 310 4495 124.0 1240 17980 240	12 1/2 12.7 21.0 23.1 36.0 360 5220 144.0 1440 20880 180 0.710 16 5/8 15.9 23.5 25.6 34.0 340 4930 136.0 1360 19720 200 0.865 19 3/4 19.0 28.3 30.7 31.0 310 4495 124.0 1240 17980 240 1.045

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

Special MSHA approved flame resistant outer cover can be provided on request.

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