

## PBH RELIAFLEX / 2SN

**STANDARDS:** EN 853 2ST, ISO 1436



### Application:

Medium to high pressure hydraulic lines where self abrasion and inter substrate abrasion is foreseen. Suitable for petroleum based hydraulic fluids, synthetic esters, biodegradable hydraulic fluids, water-glycol based fluids and air.

### Special Features:

Qualified for double impulse cycles (400,000 cycles) to relevant standards- EN 853 2ST / ISO 1436-2ST. Thicker cover for very good abrasion resistance and weather protection.

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			
PT206	-4 6	1/4	6.4	12.7	17.0	40.0	400	5800	160.0	1600	23200	100	0.445	PF 12 06
PT208	-5 8	5/16	7.9	14.3	18.8	35.0	350	5000	140.0	1400	20000	115	0.518	PF 12 08
PT210	-6 10	3/8	9.5	16.7	21.1	33.0	330	4785	132.0	1320	19140	125	0.626	PF 12 10
PT212	-8 12	1/2	12.7	19.8	24.1	27.5	275	3988	110.0	1100	15950	180	0.732	PF 12 12
PT216	-10 16	5/8	15.9	23.0	27.4	25.0	250	3625	100.0	1000	14500	205	0.876	PF 12 16
PT219	-12 19	3/4	19.0	27.0	31.2	21.5	215	3118	86.0	860	12470	240	1.160	PF 12 19
PT225	-16 25	1	25.4	35.1	39.0	16.5	165	2393	66.0	660	9570	300	1.377	PF 12 25
PT231	-20 31	1-1/4	31.8	45.0	50.6	12.5	125	1813	50.0	500	7250	420	2.266	PF 12 31
PT238	-24 38	1-1/2	38.1	50.8	57.2	9.0	90	1305	36.0	360	5220	500	2.604	PF 12 38
PT251	-32 51	2	50.8	63.3	68.4	8.0	80	1160	32.0	320	4640	630	3.384	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 air application (Temp. max 70°C) & pressure above 17 bar cover must be pin pricked. Special MSHA approved flame resistant outer cover can be provided on request.

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