

## PBH RELIAFLEX / 1SN

**STANDARDS:** EN 853 1ST, 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 (300,000 cycles) to relevant standards-EN 853 1ST / ISO 1436-1ST. 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			
PT106	-4	6	1/4	6.4	11.1	15.5	22.5	225	3263	90.0	900	13050	100	0.260	PF 11 06
PT108	-5	8	5/16	7.9	12.7	17.1	21.5	215	3118	86.0	860	12470	115	0.305	PF 11 08
PT110	-6	10	3/8	9.5	15.1	19.8	18.0	180	2610	72.0	720	10440	125	0.396	PF 11 10
PT112	-8	12	1/2	12.7	18.3	22.6	16.0	160	2320	64.0	640	9280	180	0.475	PF 11 12
PT116	-10	16	5/8	15.9	21.4	26.0	13.0	130	1885	52.0	520	7540	205	0.613	PF 11 16
PT119	-12	19	3/4	19.0	25.4	29.8	10.5	105	1523	42.0	420	6090	240	0.783	PF 11 19
PT125	-16	25	1	25.4	33.3	37.5	9.0	90	1305	36.0	360	5220	300	1.058	PF 11 25
PT131	-20	31	1-1/4	31.8	40.5	45.5	6.3	63	914	25.0	250	3654	420	1.410	PF 11 31
PT138	-24	38	1-1/2	38.1	46.8	52.4	5.0	50	725	20.0	200	2900	500	1.860	PF 11 38
PT151	-32	51	2	50.8	60.2	66.3	4.0	40	580	16.0	160	2320	630	2.470	PF 11 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.