

## PBH PULSEFLEX / 1SN

**STANDARDS:** PIX PROPRIETARY. EN 853 1SN, SAE 100 R1S-AT, ISO 1436 FOR REFERENCE



### Application:

Medium to high pressure hydraulic lines. Suitable for petroleum based hydraulic fluids, synthetic esters, biodegradable hydraulic fluids, water-glycol based fluids and air.

### Special Features:

Very good flexibility. Half bend radius than relevant standards EN 853 / EN 857/SAE 100R1S/SAE 100R2S/SAE100 R12. Very low MBR for short assembly length and very narrow installation.

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			
UF106	-4	6	1/4	6.4	11.1	13.2	22.5	225	3263	90.0	900	13050	50	0.190	PF 22 06
UF108	-5	8	5/16	7.9	12.7	15.0	21.5	215	3118	86.0	860	12470	58	0.234	PF 22 08
UF110	-6	10	3/8	9.5	15.1	17.3	18.0	180	2610	72.0	720	10440	65	0.298	PF 22 10
UF112	-8	12	1/2	12.7	18.3	20.6	16.0	160	2320	64.0	640	9280	90	0.384	PF 22 12
UF116	-10	16	5/8	15.9	21.4	23.9	13.0	130	1885	52.0	520	7540	100	0.502	PF 22 16
UF119	-12	19	3/4	19.0	25.4	27.6	10.5	105	1523	42.0	420	6090	120	0.649	PF 22 19
UF125	-16	25	1	25.4	33.3	35.3	9.0	90	1305	36.0	360	5220	150	0.870	PF 22 25

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

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

**Impulse Performance:** 300000 cycles.

**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.