

PBH PULSEFLEX / 2SC

STANDARDS: PIX PROPRIETARY. EN 857 1SC, ISO 11237-1 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			
UF106K	-4 6	1/4	6.4	10.5	12.5	22.5	225	3263	90.0	900	13050	38	0.190	PF 22 06
UF108K	-5 8	5/16	7.9	11.5	13.5	21.5	215	3118	86.0	860	12470	43	0.205	PF 22 08
UF110K	-6 10	3/8	9.5	13.7	15.7	18.0	180	2610	72.0	720	10440	45	0.260	PF 22 10
UF112K	-8 12	1/2	12.7	17.0	19.0	16.0	160	2320	64.0	640	9280	65	0.325	PF 22 12
UF116K	-10 16	5/8	15.9	20.4	22.4	13.0	130	1885	52.0	520	7540	75	0.405	PF 22 16
UF119K	-12 19	3/4	19.0	23.8	25.8	10.5	105	1523	42.0	420	6090	90	0.520	PF 22 19
UF125K	-16 25	1	25.4	31.4	33.5	9.0	90	1305	36.0	360	5220	115	0.730	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.