

## PBH ELETEMP / 2SN

**STANDARDS:** PIX PROPRIETARY. EN 853 1SN FOR DIMENSIONAL & PRESSURE REFERENCE



### Application:

Medium to high pressure hydraulic lines. Suitable for petroleum based hydraulic fluids, synthetic esters, biodegradable hydraulic fluids, water glycol based fluids at 135°C.

### Special Features:

Superior impulse performance of 300,000 cycles. Good weather and ozone resistance. Suitable at high ambient of ~100°C. Service temperature can go intermittently up to 150°C.

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			
TH106	-4	6	1/4	6.4	11.1	13.2	22.5	225	3263	90.0	900	13050	100	0.230	PF 22 06
TH108	-5	8	5/16	7.9	12.7	15.0	21.5	215	3118	86.0	860	12470	115	0.280	PF 22 08
TH110	-6	10	3/8	9.5	15.1	17.3	18.0	180	2610	72.0	720	10440	125	0.355	PF 22 10
TH112	-8	12	1/2	12.7	18.3	20.6	16.0	160	2320	64.0	640	9280	180	0.415	PF 22 12
TH116	-10	16	5/8	15.9	21.4	23.9	13.0	130	1885	52.0	520	7540	205	0.525	PF 22 16
TH119	-12	19	3/4	19.0	25.4	27.6	10.5	105	1523	42.0	420	6090	240	0.650	PF 22 19
TH125	-16	25	1	25.4	33.3	35.3	9.0	90	1305	36.0	360	5220	300	1.010	PF 22 25
TH131	-20	31	1-1/4	31.8	40.5	43.2	6.3	63	914	25.2	252	3654	420	1.290	PF 22 31
TH138	-24	38	1-1/2	38.1	46.8	50.7	5.0	50	725	20.0	200	2900	500	1.665	PF 22 38
TH151	-32	51	2	50.8	60.2	64.2	4.0	40	580	16.0	160	2320	630	2.315	PF 22 51

**Working Temperature:** - 40°C to +135°C

**Note:** 1MPa = 10 bar = 145 psi. Available in standard high temperature Black cover (Blue MSHA cover can be provided on request)

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