

PIX - THERMAL®

STANDARDS: PIX PROPRIETARY. EN 853 2SN 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 400000 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			
TH206	-4	6	1/4	6.4	12.7	14.9	40.0	400	5800	160.0	1600	23200	100	0.410	PF 22 06
TH208	-5	8	5/16	7.9	14.3	16.7	35.0	350	5000	140.0	1400	20000	115	0.475	PF 22 08
TH210	-6	10	3/8	9.5	16.7	19.1	33.0	330	4785	132.0	1320	19140	125	0.560	PF 22 10
TH212	-8	12	1/2	12.7	19.8	22.1	27.5	275	3988	110.0	1100	15950	180	0.650	PF 22 12
TH216	-10	16	5/8	15.9	23.0	25.3	25.0	250	3625	100.0	1000	14500	205	0.790	PF 22 16
TH219	-12	19	3/4	19.0	27.0	29.6	21.5	215	3118	86.0	860	12470	240	0.985	PF 22 19
TH225	-16	25	1	25.4	35.1	37.7	16.5	165	2393	66.0	660	9570	300	1.435	PF 22 25
TH231	-20	31	1-1/4	31.8	44.7	47.7	12.5	125	1813	50.0	500	7250	420	2.140	PF 22 31
TH238	-24	38	1-1/2	38.1	50.8	54.0	9.0	90	1305	36.0	360	5220	500	2.580	PF 22 38
TH251	-32	51	2	50.8	63.3	67.5	8.0	80	1160	32.0	320	4640	630	3.240	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.