

Performance Data - Expando® PT

Property	Test Method	Value
Filament Diameter		.010"
Melt Temperature	ASTM D-2117	250°C
Low Temperature Flexibility	MIL-DTL-23053E	-70°C
Smoke Density	ASTM E-1354	D _{mc} = 2.12
Hard Vacuum	ASTM E-595	
TML		.30%
CVCM		.03%
WVR		.16%
Copper Corrosivity	MIL-I-23053	No Effect
Fluid Resistance	MIL-I-23053	Tensile
Jet Fuel JP-4 (MIL-T-5624)		100%
Hydraulic Fluid (MIL-H-5606)		99%
Lube Oil (MIL-I-7808)		100%
De-Ice Fluid (MIL-A-8243)		99%
Reference Oil #2 (ASTM D-471)		100%
Salt Water (O-S-1926)		100%

Product Specifications

Nominal Size (in)	Minimum Diameter (in)	Maximum Diameter (in)	Part Number	Typical Weight (lb/ft)	Spool Length (ft)
1/8	3/32	1/4	50010003XX	0.0016	2,000
1/4	1/8	7/16	50010006XX	0.0024	1,000
3/8	1/4	1/2	50010010XX	0.0052	500
1/2	1/4	3/4	50010013XX	0.0077	500
3/4	1/2	1 1/4	50010019XX	0.0120	500
1 1/4	3/4	1 3/4	50010032XX	0.0160	250
1 3/4	1 1/4	2 3/4	50010045XX	0.0270	250
2	1 1/2	3 1/2	50010051XX	0.0330	250
2 1/2	1 3/4	4 1/2	50010064XX	0.0460	250

XX = Color Code

01= Natural

03 = Black

04 = Yellow

06 = Blue

08 = Grey

10 = Orange