

## Performance Data – Expando® HR

Property	Test Method	Value
Filament Diameter		.011"
Melt Temperature	ASTM D-3418	240°C
Low Temperature Flexibility	MIL-DTL-23053E	-70°C
Flammability	UL 1441	VW-1
Smoke Density	ASTM E-662	D <sub>max</sub> = 5
Hard Vacuum	ASTM E-595	
TML		.14%
CVCM		.02%
WVR		.01%
Copper Corrosivity	MIL-I-23053	No Effect
Fluid Resistance	MIL-I-23053	Tensile Retention
Jet Fuel JP-4 (MIL-T-5624)		97%
Hydraulic Fluid (MIL-H-5606)		100%
Lube Oil (MIL-I-7808)		99%
De-Ice Fluid (MIL-A-8243)		98%
Reference Oil #2 (ASTM D-471)		100%
Salt Water (O-S-1926)		98%

## Product Specifications

Nominal Size (in)	Minimum Diameter (in)	Maximum Diameter (in)	Part Number	Typical Weight (lb/ft)	Spool Length (ft)
1/8	3/32	3/16	50110003XX	0.0027	2,000
1/4	1/8	7/16	50110006XX	0.0040	1,000
1/2	1/4	3/4	50110013XX	0.0120	500
3/4	1/2	1 1/4	50110019XX	0.0180	500
1 1/4	3/4	1 3/4	50110032XX	0.0240	250
1 3/4	1 1/4	2 3/4	50110045XX	0.0383	250

XX = Color Code

32 = Black with one white tracer strand

23 = White with one black tracer strand