

H321 Adhesive-lined Polyolefin

Applicable Specifications
MIL-DTL-23053/4, Class 3;
UL File E-157277; ABS

Physical

Tensile Strength	2100 PSI
Ultimate Elongation	450%
Longitudinal Change	+1, -15%
Secant Modulus (2%)	17,000 PSI
Specific Gravity	1.3
*Heat Aging (168 Hrs. @ 175°C)	Elongation 175%
*Heat Shock (4 hrs. @ 250°C)	No dripping, flowing, cracking
*Low Temperature Flexibility (4 hrs. @ -55°C)	No cracking
Flammability	Self- extinguish meets UL 224 All-Tubing Flame Test (jacket)

Electrical

Dielectric Strength	700 V/mil
Volume Resistivity	10 ¹⁴ ohm-cm

Chemical

Corrosion Resistance (Copper Mirror)	Non- Corrosive
Fungus Resistance	Non-Nutrient
*Low Temperature Flexibility	0.3%
Fluid Resistance	Excellent

Adhesive

Peel Strength, pli	
	Polyethylene 30
	PVC 10
	Lead 15
	Aluminum 40
Corrosive Effect (Copper mirror)	Non- Corrosive

Technical information provided consists of typical product data and should not be used for specification purposes. Unless otherwise noted, all tests are performed at room temperature.

*Outer wall only.

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