



Alpha Wire Company

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Product Specification: FIT-321

Date Issued: 12/21/99

Product Description: High Shrink Ratio heat shrinkable polyolefin tubing with adhesive lining.

Note: All dimensions are in inches unless otherwise specified.

Construction Requirements

Physical Properties

Operating Temperature Range	-55°C to 110°C
Shrinkage Temperature	Approximately 125°C
Dimensions	Shall Conform To Table 1
Color	Black
Tensile Strength	1300 psi
Ultimate Elongation	300%
Longitudinal Shrinkage	15%
Low Temperature Brittleness (4 HOURS AT -55°C)	No Cracking

Chemical

Corrosive Effect	Non-Corrosive
Flammability	Self-Extinguishing
Water Absorption	0.5%
Fungus Resistance	Does Not Support Growth

Electrical

Dielectric Strength (Volts/mil)	350
Volume Resistivity	2×10^{14} Ohm/cm

Availability

4' or 6" lengths.

Table 1

<u>Part Number</u>	<u>Minimum Supplied I.D.</u>	<u>Maximum Recovered I.D.</u>	<u>Total Recovered Wall Thickness</u>
FIT-321-1/8	0.120	0.040	0.040
FIT-321-1/4	0.240	0.080	0.040
FIT-321-1/2	0.470	0.160	0.070
FIT-321-1	0.940	0.320	0.100
FIT-321-1-1/2	1.570	0.510	0.100