

3M Scotch® 70 Self-Fusing Silicone Rubber Electrical Tape

Category : Polymer , Adhesive

Material Notes:

Scotch® 24 Brand 70 Silicone Rubber Electrical Tape is a high-temperature arc and track resistance tape composed of self-fusing, inorganic silicone rubber and easy-tear and easy-strip liner. Information provided by 3M

Order this product through the following link:

http://www.lookpolymers.com/polymer_3M-Scotch-70-Self-Fusing-Silicone-Rubber-Electrical-Tape.php

Physical Properties	Metric	English	Comments
Thickness	305 microns	12.0 mil	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	6.89 MPa	999 psi	ASTM D1000
Elongation at Break	450 %	450 %	ASTM D1000

Electrical Properties	Metric	English	Comments
Dielectric Constant	2.51	2.51	ASTM D150
	@Temperature 150 °C	@Temperature 302 °F	
	2.6	2.6	ASTM D150
	@Temperature 130 °C	@Temperature 266 °F	
Dielectric Strength	2.89	2.89	ASTM D150
	@Temperature 90.0 °C	@Temperature 194 °F	
Dissipation Factor	3.03	3.03	ASTM D150
	@Temperature 23.0 °C	@Temperature 73.4 °F	
Dielectric Strength	34.4 kV/mm	875 kV/in	ASTM D1000
Dissipation Factor	0.50	0.50	ASTM D150
	@Temperature 130 °C	@Temperature 266 °F	
Arc Resistance	0.70	0.70	ASTM D150
	@Temperature 150 °C	@Temperature 302 °F	
Arc Resistance	60 sec	60 sec	ASTM D495

Descriptive Properties	Value	Comments
Appearance	Sky Blue Gray	

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