

## 3M Scotch™ 23 Rubber Splicing Tape

Category : Polymer , Adhesive , Thermoset , Rubber or Thermoset Elastomer (TSE)

### Material Notes:

Scotch® Rubber Splicing Tape 23 is a highly conformable, self-fusing EPR (Ethylene Propylene Rubber) based, high voltage splicing tape. It is a non-vulcanizing, shelf-stable tape with excellent electrical properties. Scotch® Tape 23 can be used as an insulation for low-voltage application as well as an insulation for splices up to 69,000 volts. Information provided by 3M

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_3M-Scotch-23-Rubber-Splicing-Tape.php](http://www.lookpolymers.com/polymer_3M-Scotch-23-Rubber-Splicing-Tape.php)

Physical Properties	Metric	English	Comments
Thickness	762 microns	30.0 mil	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	1.064 MPa	154.3 psi	ASTM D4325
Elongation at Break	1000 %	1000 %	ASTM D4325

Thermal Properties	Metric	English	Comments
Thermal Conductivity	7.28 W/m-K	50.4 BTU-in/hr-ft <sup>2</sup> -°F	ASTM D1518
Maximum Service Temperature, Air	90.0 °C	194 °F	Continuous
	130 °C	266 °F	Emergency Overload

Electrical Properties	Metric	English	Comments
Insulation Resistance	>= 1.00e+12 ohm	>= 1.00e+12 ohm	ASTM D1000
Dielectric Strength	28.3 kV/mm	720 kV/in	After 96 hrs @ 96% RH; ASTM D4325
	31.5 kV/mm	800 kV/in	Standard Conditioning; ASTM D4325

Descriptive Properties	Value	Comments
Appearance	Black	

## Contact Songhan Plastic Technology Co.,Ltd.

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