

3M Temflex™ 1776 Vinyl Electrical Tape

Category : Polymer , Tape , Thermoplastic , Vinyl (PVC)

Material Notes:

3M™ Temflex™ Vinyl Electrical Tape 1776 is a good quality, economical, general-purpose vinyl insulating tape, manufactured in the USA. It has excellent resistance to abrasion, moisture, alkalies, acid, copper, corrosion and varying weather conditions. It is a polyvinyl chloride (PVC) tape that is flame-retardant and conformable. 3M Temflex Tape 1776 provides excellent mechanical protection with minimum bulk. It is a UL Listed and CSA Certified "Insulating Tape". Information provided by 3M

Order this product through the following link:

http://www.lookpolymers.com/polymer_3M-Temflex-1776-Vinyl-Electrical-Tape.php

Physical Properties	Metric	English	Comments
Thickness	178 microns	7.00 mil	ASTM D1000

Mechanical Properties	Metric	English	Comments
Elongation at Break	200 %	200 %	ASTM D1000
Peel Strength	0.2410 kN/m	1.375 pli	Adhesion to Backing; ASTM D1000
	0.263 kN/m	1.50 pli	Adhesion to Steel; ASTM D1000

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	80.0 °C	176 °F	

Electrical Properties	Metric	English	Comments
Insulation Resistance	1.00e+12 ohm	1.00e+12 ohm	ASTM D1000
Dielectric Breakdown	>= 900 V	>= 900 V	High Humidity; ASTM D1000
	>= 1000 V	>= 1000 V	Standard condition; ASTM D1000

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