



Premium 37

Professional Grade Vinyl Electrical Tape

Technical Data Sheet

January 2025

Description and Features

Premium 37 is a 0,18 mm (7 mil) all weather, professional grade, pressure sensitive vinyl tape which applies easily and gives excellent performance over a wide range of temperatures. Cold and weather resistant. Flame retardant. **Premium 37** can be used as primary insulation for splices up to 600 Volts. Use as protective outer jacket over splices and for all low temperature applications.

- Cold and weather resistant
- Flame retardant
- High dielectric strength
- Highly elastic
- Highly conformable
- High UV resistance
- Highly resistant to sun, water, oil, acids, alkalis, corrosive chemicals
- Meets ASTM D-3005 - Type I, EN 60454-3-1 - Type 11, Meets 2000/53/EC and RoHS 2011/65/EU directives
- Pb, Cd, Hg, Cr (VI) free
- UL & CSA Certified

Materials

Backing

PVC

Adhesive

Rubber based

Colors

Red, White, Blue,
Yellow, Orange, Violet,
Brown, Grey, Green

Standard Size

Width x Length
19 mm x 20 m (0.75 in. x 66 ft.)
Other sizes available upon request

Technical Properties

Characteristics

Typical Values

Test Method

Thickness (mm)	0,18±0,025	ASTM D 1000
Breaking strength (N/cm)	30	ASTM D 1000
Elongation at break (%)	260	ASTM D 1000
Adhesion to steel (N/cm)	2,2	ASTM D 1000
Adhesion to backing (N/cm)	2,2	ASTM D 1000
Flammability (seconds)	0	ASTM D 1000
Flagging (mm)	0	ASTM D 1000
Temperature Rating (°C)		
Maximum	80	UL510
	105	CSA C 22.2 no.197
Minimum	-10	UL510
	-10	CSA C 22.2 no 197
Dielectric Strength (kV)		
Standard	8	ASTM D 1000
Wet	>90%	ASTM D 1000
Dielectric Constant	3,2	ASTM D 150
Insulation Resistance (MΩ)	1x10 ⁶	ASTM D 1000

Recommended Uses

Used for general splicing purposes. Can be used as primary insulation for splices up to 600 Volts. Provide a protective outer jacket over splices for all low temperature applications. Can be used for wrapping wire harnesses, and insulating degaussing coils.

Storage

In original packaging, placed in horizontal position under cover and temperature between 5°C and 35 °C, 50-80% R.H.

Shelf Life

60 months from date of manufacture.

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