



FOR INDUSTRY PROFESSIONALS

Specification Sheet Electrical Tape

Description

A 7 mil (0,18mm) economy grade, weather resistant, pressure sensitive vinyl tape for all kinds of mechanical and electrical applications. Columbia is flame retardant and can be used as primary insulation for splices up to 600 volts. UL510. CSA. Lead-free

Recommended Uses

Used for general splicing purposes. Can be used as primary insulation for splices up to 600 volts and provides a protective outer jacket over splices at higher voltages. Can be used for wrapping wire harnesses and insulating degaussing coils. Colors can be used for color coding electrical circuits.

Specifications

Property	Value	Unit	Test Method	
Physical				
Thickness	0.007	inch	ASTM-D-1000	
	0.178	mm		
Tensile Strength	16	lb/in	ASTM-D-1000	
	28.16	n/cm		
Elongation	150	%	ASTM-D-1000	
Adhesion to Steel	20	oz/in	ASTM-D-1000	
	2.2	n/cm		
Adhesion to Backing	17	oz/in	ASTM-D-1000	
	1.8	n.cm		
Flammability	4 max	second	ASTM-D-1000	
Temperature Rating	Maximum	80	°C	UL 510
		80	°C	CSA 22.2
	Minimum	0	°C	UL 510
		0	°C	CSA 22.2
Dielectric Strength	7,000	-	ASTM-D-1000	

Data in table represent average test results and are not to be used for specification purposes. The product user should make his/her own tests to determine the product's suitability for the intended use.

Features

- 7 mil thickness
- Flame retardant
- Lead-free
- Resistant to sun, water, oil, acids, alkalis, corrosive chemicals

Product Approvals

- UL 510
- CSA 22.2

Standard Sizes

- 3/4 in x 60 ft
 - 19 mm x 18 m
- Consult factory for other sizes

Colors

- Black
- Red
- White
- Blue
- Yellow
- Orange
- Green
- Violet
- Brown
- Grey