



Electrical Tapes

# EE-100

## General Purpose Vinyl Electrical Tape

### Description:

A 7 mil (0.18) general purpose, weather resistant, pressure sensitive vinyl tape for all kinds of mechanical and electrical applications. EE-100 is flame retardant and can be used as primary insulation for splices up to 600 volts. UL 510, CSA 22.2 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 for 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	Typical Value	Unit	Test Method
<b>physical</b>			
Thickness	0.007 0.178	inch mm	ASTM-D-1000
Tensile Strength	16 28.16	lb/in n/cm	ASTM-D-1000
Elongation	250	%	ASTM-D-1000
Adhesion to Steel	24	oz/in	ASTM-D-1000
Adhesion to Backing	2.6 24	n/cm oz/in	ASTM-D-1000
Flammability	2.6	n/cm	ASTM-D-1000
Temperature Rating	4 max	second	ASTM-D-1000
Maximum	80	°C	UL 510
Minimum	80	°C	CSA 22.2
	0	°C	UL 510
	0	°C	CSA 22.2
Dielectric Strength	1,300	v/mil	ASTM-D-1000

Data in table represent typical value 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.

### Colors

Black	Orange	White	Violet	Yellow
Red	Green	Blue	Brown	Grey

### Features

- 7 mil thickness
- Flame retardant
- Lead-free
- Resistant to sun, water, oil, acids, alkalies, 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

Plyon Tapes, LLC Newton, MA