

Raychem 7070 – Color Vinyl Electrical Tape

ALL WEATHER COLOR CODING AND INSULATING TAPE

- 7 Mil Thickness
- Vivid colors for quick reference
- Industry approved colors
- Highly resistant to sun, water, oil, acid, alkali, corrosive chemicals
- Cold and weather resistant
- Flame retardant
- Meets ASTM Specification D-3005

RECOMMENDED USES: Quick identification of electrical phases, circuits, feeders and branches. Also can be used to identify container contents, marking of piping and conduit systems and as a warning tape. Primary insulation for splices at not more than 600 Volts. Low temperature applications.

COLORS: Red, white, blue, yellow, orange, green, violet, brown, and grey

STANDARD SIZES:

- 3/4 in. x 66 ft. 19 mm x 20m
- 1/2 in. x 20ft. 13 mm x 6 m
- Other sizes available upon request.

DESCRIPTION: Raychem 7070 Color Vinyl Electrical Tape is a colored, electrical grade, pressure sensitive, vinyl tape. Nine colors available. Excellent adhesion to aluminum and copper conductors, plastic and rubber insulations and jackets where quick identification is most commonly needed. Thin, tough, resilient, it can be stretched to conform easily without breaking. Easily applied at low temperatures.

SPECIFICATIONS

PROPERTY	VALUE	UNIT	TEST METHOD
PHYSICAL			
Thickness	0.007	inch	ASTM-D-1 000
	0.178	mm	
Tensile Strength	18	lb/in	ASTM-D-1000
Elongation	200	%	ASTM-D-1000
Adhesion to Steel	20	oz/in	ASTM-D-1000
Adhesion to Backing	20	oz/in	ASTM-D-1000
Adhesion to Backing @ -7°C	50	oz/in	ASTM-D-1000
Unwind @ 7°C	100	oz/in	ASTM-D-1000
Flammability	4 max.	second	ASTM-D-1000
Flagging	0.10 max	inch	ASTM-D-1000
Temperature Rating Maximum	80	°C	USA
	105	°C	CANADA
Minimum	-10	°C	USA
	-18	°C	CANADA
ELECTRICAL			
Dielectric Strength Standard	7,000	volts	ASTM-D-1000
	6,300	volts	
Wet	6,300	volts	ASTM-D-1000
Dielectric Constant	3.2	-	ASTM-D-150
Power Factor	0.01	-	ASTM-D-150
Insulation Resistance	1 x 10 ⁶	megohms	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.

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