



Premium 85 CW Vinyl Plastic Electrical Tape

ALL-WEATHER INSULATING AND JACKETING TAPE

- ↗ 8.5 mil thickness
- ↗ Cold and weather resistant
- ↗ High dielectric strength
- ↗ Highly elastic
- ↗ Flame retardant
- ↗ UL and CSA approved
- ↗ Highly resistant to sun, water, oil, acids, alkalis, corrosive chemicals
- ↗ Meets ASTM Specification D-3005

RECOMMENDED USES: For general splicing. Provides primary insulation for splices at not more than 600 Volts. Use as a protective outer jacket. 8.5 Mil Cold Weather Tape is excellent for low temperature applications.

STANDARD SIZES:

- 3/4 in. x 66 ft., 19mm x 20m
- 1 1/2 in. x 66 ft., 38mm x 20m
- 1 1/2 in. x 108 ft., 38mm x 33m

DESCRIPTION: Premium 85 CW Vinyl Plastic Electrical Tape is an all-weather, pressure sensitive, vinyl tape that gives complete electrical and mechanical protection for most general taping jobs with more dielectric protection than similar tapes. The method of bonding the adhesive to the vinyl prevents transfer and gives greater adhesive strength. Thin, tough and resilient, it can be stretched to conform easily without breaking. It is easily applied at low temperatures.

SPECIFICATIONS:

PROPERTY	VALUE	UNIT	TEST METHOD
PHYSICAL			
Color	Black	-	-
Thickness	0.0085	inch	ASTM-D-1000
	0.216	mm	ASTM-D-1000
Tensile Strength	20	lb/in.	ASTM-D-1000
Elongation	250	%	ASTM-D-1000
Adhesion to Steel to Backing	20	oz/in.	ASTM-D-1000
	20	oz/in.	ASTM-D-1000
to Backing @ -7°C	50	oz/in.	ASTM-D-1000
Unwind @ -7°C	113	second	ASTM-D-1000
Flammability	4 max.	inch	ASTM-D-1000
Flagging	0.10 max.	inch	
Temp. Rating Maximum	80	°C	UL 510
	105	°C	CSA 22.2
Minimum	-10	°C	UL 510
	-18	°C	CSA 22.2
ELECTRICAL			
Dielectric Strength Standard min.	11,000	Volts	ASTM-D-1000
	10,000	Volts	ASTM-D-1000
Wet min.			
Dielectric Constant	3.2	-	ASTM-D-150
Power Factor	0.01	-	ASTM-D-150
Insul. 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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