

Plymouth

Plymouth Rubber Europa S.A.

Premium 85

Professional Grade Vinyl Electrical Tape

DESCRIPTION:

An 8.5 mil (0,21 mm) all weather, professional grade, pressure sensitive vinyl tape that provides heavier thickness for added mechanical and electrical protection. Cold and weather resistant. Flame retardant. Premium 85 CW can be used as primary insulation for splices up to 600 volts. Excellent protective jacket over all types of splices. Excellent cold weather performance.

TECHNICAL CHARACTERISTICS

PROPERTY	VALUE	UNIT	TEST METHOD	
Color	Black	---	---	
Thickness	0.0085	inch	ASTM D 1000	
	0,21	mm	ASTM D 1000	
Tensile Strength	20	lb/in	ASTM D 1000	
	35	N/cm	ASTM D 1000	
Elongation	300	%	ASTM D 1000	
Adhesion to Steel	20	oz/in	ASTM D 1000	
	2,2	N/cm	ASTM D 1000	
Adhesion to Backing	20	oz/in	ASTM D 1000	
	2,2	N/cm	ASTM D 1000	
Adhesion to Backing @ -7°C	50	oz/in	ASTM D 1000	
	5,5	N/cm	ASTM D 1000	
Unwind @ 7°C	50	oz/in	ASTM D 1000	
	5,5	N/cm	ASTM D 1000	
Flammability	4 Max.	second	ASTM D 1000	
Flagging	0.12 Max.	inch	ASTM D 1000	
	3 Max.	mm	ASTM D 1000	
Temperature Rating	80	°C	UL 510	
	105	°C	CSA 22.2 no. 197	
	Minimum	-10	°C	UL 510
	-18	°C	CSA 22.2 no. 197	
Dielectric Strength				
	- Standard	10000	V	ASTM D 1000
	- Wet	9000	V	ASTM D 1000
Dielectric Constant	3.2	---	ASTM D 150	
Power Factor	0.01	---	ASTM D 150	
Insulation Resistance	1x10 ⁶	MΩ	ASTM D 1000	

Information provided is for reference only. 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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FEATURES:

- 8.5 mil thickness
- Cold and weather resistant
- High dielectric strength
- Highly elastic
- Flame retardant
- Highly resistant to sun, water, oil, acids, alkalis, corrosive chemicals
- Lead free
- Meets:
 - ASTM D 3005, Type II
 - HH-1595C / A-A-55809A
 - EN 60454-3-1, Type 11
 - UL 510
 - CSA C 22.2 no. 197

RECOMMENDED USES:

Used for general splicing purposes. Provides primary insulation for splices up to 600 volts. Use as a protective outer jacket and is excellent for low temperature applications.

STANDARD SIZES:

- 0.75 in x 66 ft
19 mm x 20 m
- 1.5 in x 66 ft
38 mm x 20 m
- 1.5 in x 108 ft
38 mm x 33 m

Other sizes are available upon request



LIMITED WARRANTY: Plymouth warrants that its Product will substantially conform to that products written specifications exclusively contained in its Plymouth product data sheet for a period of one (1) year from the date of shipment, (Unless provided otherwise in product's data sheet). Plymouth makes no warranty to the distributor, its customers, or the product's end user for the products merchantability and/or suitability for his/its intended use or purpose, and buyer shall assume all risks associated therewith. Provided that the product is proved to be defective within the terms described above, and provided buyer shall have first compiled with all return policies of Plymouth, PLYMOUTH'S SOLE OBLIGATION AND BUYER'S EXCLUSIVE REMEDY UNDER THIS PRODUCT WARRANTY SHALL BE TO REPLACE SUCH QUANTITY OF THE PRODUCT AS IS PROVED TO BE DEFECTIVE WITHIN THE TIME PERIOD SPECIFIED ABOVE. EXCEPT AS EXPRESSLY SET FORTH HEREIN, PLYMOUTH MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED. In no event shall Plymouth be liable for collateral, consequential, indirect or incidental damages arising out of, or connected in any way with the supply of products. (rev. 1/95)

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