

Plymouth

Plymouth Rubber Europa S.A.

Premium 111

Professional Grade Vinyl Electrical Tape

DESCRIPTION:

A 7 mil (0,18 mm) all weather, professional grade, pressure sensitive vinyl tape which applies easily and gives excellent performance over a wide range of temperatures. Cold and weather resistant. Flame retardant. Premium 111 can be used as primary insulation for splices up to 600 volts. Use as protective outer jacket over splices and for all low temperature applications.

TECHNICAL CHARACTERISTICS

PROPERTY	VALUE	UNIT	TEST METHOD
Color	Black	---	---
Thickness	0.007	inch	ASTM D 1000
	0,18	mm	ASTM D 1000
Tensile Strength	17	lb/in	ASTM D 1000
	30	N/cm	ASTM D 1000
Elongation	260	%	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	Maximum		
	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	9000	V
- Wet	8100	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:

- 7 mil thickness
- Cold and weather resistant
- High dielectric strength
- Highly elastic
- Flame retardant
- Highly resistant to sun, water, oil, acids, alkalies, corrosive chemicals
- Lead free
- Meets:
 - ASTM D 3005, Type I
 - 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. Can be used as primary insulation for splices up to 600 volts. Provide a protective outer jacket over splices for all low temperature applications. Can be used for wrapping wire harnesses, and insulating degaussing coils.

STANDARD SIZES:

- 0.75 in x 66 ft
19 mm x 20 m
- 0.75 in x 20 ft
19 mm x 6 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 complied 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)

PLYMOUTH RUBBER EUROPA, S.A. - Spain
www.plymouthrubber.com • info@plymouthrubber.com

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