



# 20 Pysil<sup>®</sup> Silicone Rubber Tape

## TRACKING AND WEATHER RESISTANT TAPE FOR COVERING TERMINATIONS THRU 69kV

- Unique triangular cross-section
- Self-amalgamating
- 180°C (356°F) temperature rating
- UV resistant
- Oil resistant
- Center line for half-lapping guide

**RECOMMENDED USES:** For jacketing of high voltage terminations on extruded dielectric cables thru 69,000 volts. For insulating high temperature silicone insulated cables. A positive oil stop in the construction of transition splices.

### STANDARD SIZES:

- 1 in x 30 ft.  
25mm x 9m

**DESCRIPTION:** 20 Pysil is a self-amalgamating, chemically cross-linked silicone rubber tape, triangular in cross-section and featuring a centerline for precise half-lapping. Track and erosion resistant, 20 Pysil fuses into a solid mass within minutes of application. 20 Pysil employs no adhesive coating, offering a non-contaminating self-cleaning surface which maintains a high tracking resistance. 20Pys 12/96

### SPECIFICATIONS:

PROPERTY	VALUE	UNIT	TEST METHOD
<b>PHYSICAL</b>			
Color	*Grey	-	-
Thickness: Peak	0.020	inch	ASTM-D-2148
	0.508	mm	
Edge	0.007	inch	ASTM-D-1000
	0.178	mm	
Tensile Strength	10	lbs/in	ASTM-D-1000
Elongation	400	%	ASTM-D-1000
Fusion	2	inch	ASTM-D-1000
<b>CHEMICAL</b>			
Copper Corrosion	None	Visual	ASTM-D-69
<b>ELECTRICAL</b>			
Dielectric Strength	600	V/mil	ASTM-D-2148
Dielectric Constant	3.0	-	ASTM-D-4325
Dissipation Factor	0.002	-	ASTM-D-4325
Track Resistance	1000	hour	ASTM-D-2132
Volume Resistivity	3 x 10 <sup>14</sup>	ohms-cm	ASTM-D-4325

\*Conforms to Munsell Color 5BG7 7.0/0.4 - Sky Blue Grey

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.

**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.

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