

DESCRIPTION:

Plymouth Plycom G-Vinyl is designed specifically to meet the requirements of the communications industry. It is fully conformable at temperatures above 4 °C (40 °F) and pulls smoothly from the roll, at maximum splicing needs, without breaking, yet retains its strength and aggressive adhesion at elevated temperatures. Once wrapped Plycom G-Vinyl stays down from -40 °C to 80 °C (-40 °F to +176 °F).

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 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	10000	V	ASTM D 1000
		- Wet	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.

Revised March 2013

FEATURES:

- Excellent cold and weather resistance
- High dielectric strength
- High elastic
- Resistance to acids, alcohols, alkalis, oil, aliphatic and aromatic hydrocarbons
- UV, water and corrosion resistant
- Meets:
 - ASTM D 3005, Type II
 - EN 60454-3-1, Type 11
 - UL 510
 - CSA C 22.2 no. 197

STANDARD SIZES:

- 0.75 in x 36 ft
19 mm x 11 m
- 1 in x 36 ft
25 mm x 11 m
- 1.5 in x 44 ft
38 mm x 13 m
- 0.75 in x 66 ft
19 mm x 20 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)