

The Newest Product in Jacket Repair

GLF 2® Jacket Repair Wrap



FOR REPAIRING AND SPLICING TRAILING CABLES AND CONDUIT

GLF 2 Jacket Repair Wrap is our newest laminate of a specially formulated Hypalon backing and 2 flame-retardant mastic layers possessing the superior abrasion and moisture resistance required for all types of cable jacket repair. The laminate is easy to apply and remains flexible at low temperatures. GLF 2 will adhere to all types of cable jackets yielding a positive moisture seal. GLF 2 bears the acceptance no. P-7K-SK-153082-1-MSHA.

- Greatest rollback resistance
- Lower profile on the wrap
- Excellent abrasion resistance
- Flame resistance
- UV resistant
- Ozone resistant
- Oil and chemical resistant
- Excellent moisture seal
- MSHA approval number:
P-7K-SK-153082-1-MSHA
- No heat required to apply
- Will not corrode copper or aluminum

USE FOR:

Jacket repair and restoration on:

Mine Trailing Cable, Direct Buried Power Cable and Communication Cable.

Durable splice cover for direct buried splices on all types of cable.

For splicing and repairing cable conduit.

STANDARD SIZES:

- Cat#: 2501; 2 in. x 7 ft. (51mm x 2.13m)
- Cat#: 2502; 2 in. x 9.5 ft. (51mm x 2.90m)

The Leader in Mining Cable Repair!

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L969 Plyvolt®

Linerless High Voltage Insulating Tape

Technical Data Sheet

December 2020

Description and Features

L969 Plyvolt® is an ethylene rubber based high voltage tape with excellent electrical, chemical and physical properties. **L969 Plyvolt®** is a linerless, self-amalgamating tape that permits much quicker taping speeds than a tape with a liner and yields a uniform, void-free build-up. The excellent stretch of **L969 Plyvolt®** allows conformability to the most complex shapes and contour. **L969 Plyvolt®** is compatible with all extruded cable insulations and is specially formulated to have excellent thermal conductivity that will allow the heat to dissipate from a joint. Contains Flame-retardant additives.

- Linerless
- Self-amalgamating
- Outstanding corona and ozone resistance
- High thermal conductivity
- Excellent moisture, corrosion and chemical resistance. UV resistance
- Lead free

Materials	Backing	Adhesive	Color	Standard Sizes
	EPR Rubber	Acrylic adhesive	Black	Width x Length 19 mm x 9,1 m (0.75 in. x 30 ft.) 38 mm x 9,1 m (1.5 in. x 30 ft.) Other sizes available upon request
Technical Properties	Characteristic	Typical Value	Test Method	
	Thickness, (mm)	0,76	ASTM D 4325	
	Tensile strength (MPa)	2,3	ASTM D 412	
	Elongation at break (%)	890	ASTM D 412	
	Fusion (2,0 mm max.)	No flag	ASTM D 4325	
	Heat Resistance °C	130	ASTM D 4325	
	Operating Temp.:			
	Continuous (°C)	90	ASTM D 4325	
	Emergency Overload (°C)	130	ASTM D 4325	
	Water Absorption (%)	0,06	ASTM D 570	
	Ozone Resistance (visual)	Pass	ASTM D 4325	
	UV Resistance (visual)	Pass	ASTM D 4325	
	Dielectric Strength (kV/mm)	39	ASTM D 149	
	Dissipation Factor			
	After water immersion	0,005	ASTM D 150	
	After hot water immersion	0,015		
	Dielectric Constant:		ASTM D 150	
	After water immersion	2,9	ASTM D 150	
	After hot water immersion	3,1	ASTM D 150	
	Volume Resistivity (Ω.cm)			
	96h @ 23°C and 50% RH	1x10 ¹⁶	ASTM D 257	
	96h @ 23°C and 96% RH	1x 10 ¹³	ASTM D 257	
Recommended Uses	For insulating and jacketing of splices on power cable from 600 volts through 69,000 volts and for building stress cones and jacketing of terminations on power cable from 600 volts through 35,000 volts. Insulate and protect bus bars and joints.			
Storage	In original packaging, placed in horizontal position under cover and temperature between 5°C and 35 °C.			
Shelf Life	60 months from date of manufacture.			

Data in table represents average test results and are not to be used for specification purpose. The product users should make their own tests to determine the products' suitability for the intended use.

LIMITED WARRANTY: Plymouth warrants that its Product will substantially conform to that products written specifications for a period of one (1) year from the date of shipment, (Unless provided otherwise). 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. 1/2020-2022)



Plytuff®

Flame Retardant PVC Jacketing Tape

Technical Data Sheet

February 2019

Description and Features

Plytuff is a specially formulated polyvinyl chloride tape designed for use where flame resistance and toughness are necessary. Adhesive backing is made for excellent adherence to neoprene, hypalon and polyurethane portable cable jackets.

- Flame retardant
- Works in any weather
- Highly abrasion resistant.
- Strong adhesive backing
- Oil resistant
- High breaking strength
- Compatible with all jacketing materials
- P-153 MSHA acceptance.
- Meets 2000/53/EC and RoHS 2011/65/EU directives. Plytuff® tape does not contain lead, cadmium, mercury, chromium (VI), polybrominated biphenyls (PBB) or polybrominated diphenyl ethers (PBDE), butyl benzyl phthalate (BBP), di(2-ethylhexyl phthalate (DEHP), dibutyl phthalate (DBP) or diisobutyl phthalate (DIBP).

Materials	Backing	Adhesive	Color	Standard Sizes Width x Length
	PVC	Rubber based	Black	19 mm x 20 m (0.75 in. x 66 ft.) 38 mm x 20 m (1.5 in. x 66 ft.) 38 mm x 13 m (1.5 in. x 44 ft.) Other sizes available upon request

Technical Properties	Characteristic	Specification	Typical Value	Test Method
	Thickness, (mm)	0,18±0,025	0,20	ASTM D 1000
	Breaking strength (N/cm)	30 min	40	ASTM D 1000
	Elongation at break (%)	180 min	260	ASTM D 1000
	Adhesion to steel (N/cm)	2,0 min	2,6	ASTM D 1000
	Adhesion to backing (N/cm)	2,0 min	2,6	ASTM D 1000
	Flammability	Flame Resistant	Flame Resistant	MSHA 30-CFR Part 7.407
	Dielectric breakdown (kV)	7 min	8	ASTM D 1000

Recommended Uses	Use for primary insulation through 600 V. Rejacketing of trailing cable splices subjected to abuse on outer surfaces. Sealing ends of hot and cold sleeve-type trailing cable splices against moisture penetration. Jacketing on high voltage splices in hostile environments. Covering nicks and abrasion on all mining cables. Highly flame resistant and designed for applications where water, dirt, grease, oils and other contaminants are encountered in significant amounts.
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Storage	In original packaging, placed in horizontal position under cover and temperature between 5°C and 35 °C, 50-80% R.H.
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Shelf Life	60 months from date of manufacture.
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