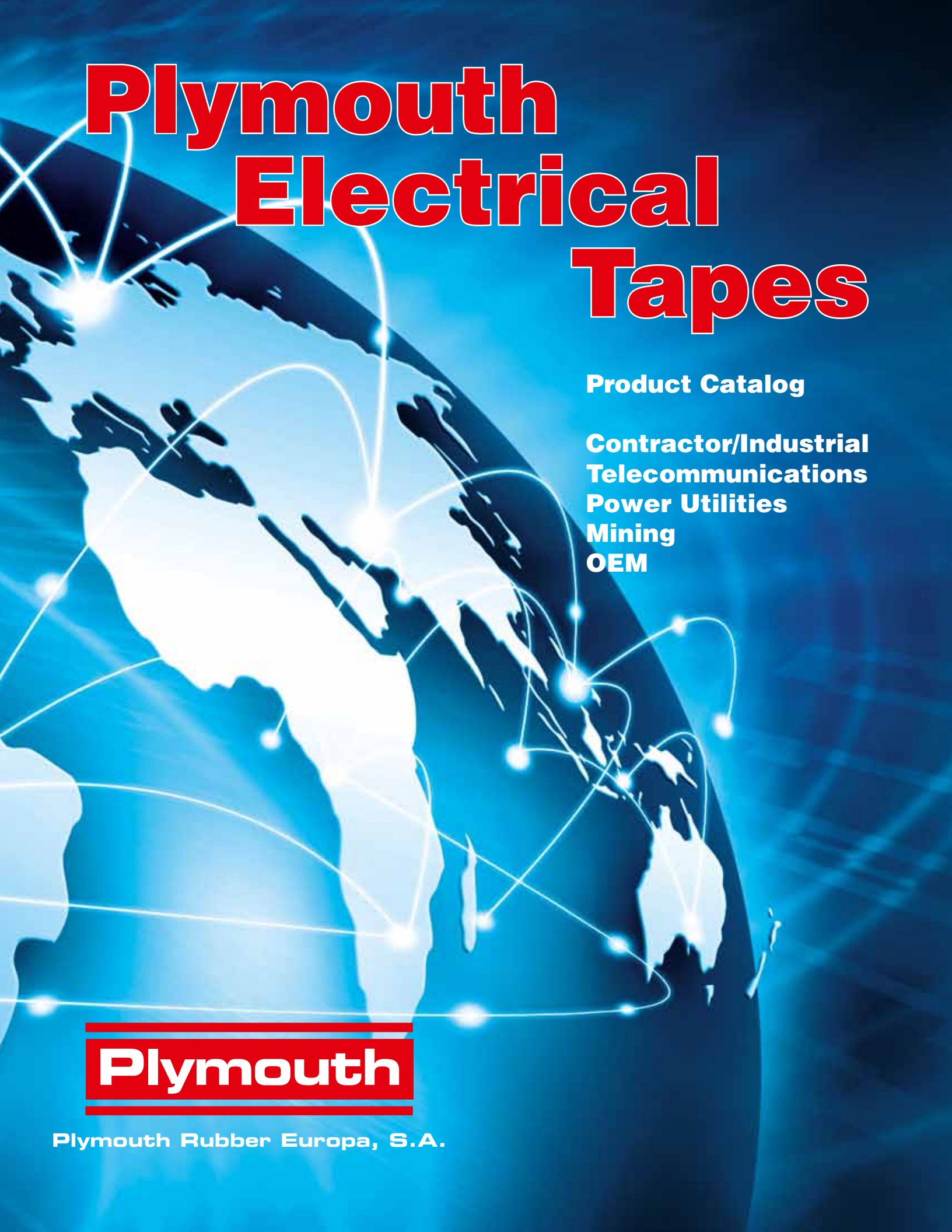




Plymouth Electrical Tapes

Product Catalog

**Contractor/Industrial
Telecommunications
Power Utilities
Mining
OEM**

Plymouth

Plymouth Rubber Europa, S.A.

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Packaging Legend:

PC = Plastic Can	IB = Individual Bag
C = Cello Wrapped	B = Box

LIMITED WARRANTY:

Plymouth warrants that each of its products will substantially conform to that product's 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 or gives no warranty to the distributor, its customers, or the product's end user regarding the product's merchantability and/or suitability for 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 THROUGH THE DISTRIBUTOR, 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 OR GIVES 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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Return of goods for any reason must be authorized by Plymouth's Distributor through Plymouth's Customer Service Department, Insulating Products Division, Plymouth Rubber Europa SA., Canton, MA 02021. No return will be accepted unless accompanied by a Return Goods Authorization (RGA) Form, obtained through Distributor. All Warranty returns must be made in accordance with the terms of Plymouth's written Limited Warranty.

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Electrical & Utility Products



Vinyl Tapes

Friction Tapes

Rubber Tapes

**Mastics Water
Seal**

**Special Purpose
Products**

**Splice &
Termination Kits**

Plymouth



Vinyl Electrical Tape

Plymouth



PREMIUM 111

A 7 mil (0,18mm) all weather, professional grade, pressure sensitive vinyl tape which 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 at not more than 600 Volts. Use as protective outer jacket over splices and all low temperature applications. UL 510, ASTM-D-3005, HH-I-595C. Lead-free.

PREMIUM 85 CW

An 8.5 mil (0,21mm) 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 at not more than 600 Volts. Excellent protective jacket over all types of splices. Excellent cold weather performance. UL 510, ASTM-D-3005, MIL-I-24391C.

PREMIUM 37 Color Coding

A 7 mil (0,18mm) all weather, professional grade, pressure sensitive vinyl tape that is available in nine colors for color coding and insulating. Cold and weather resistant. Flame Retardant. Use Premium 37 for quick identification of electrical circuits, containers, and conduit systems, as well as primary insulation for splices at not more than 600 volts. UL 510, ASTM-D-3005, HH-I-595C. Lead-free.

HD 2 (Heavy Duty Electrical Tape)

A 10 mil (0,25mm) heavy duty, general purpose, pressure sensitive vinyl tape for all types of mechanical and electrical applications. Additional thickness allows for quicker build-ups and added abrasion protection. HD 2 is flame retardant and can be used as primary insulation for splices at not more than 600 volts., ASTM-D-2301, MIL-I-7798A.

PLYWRAP® 11 (10 mil) Vinyl Pipewrap

A corrosion protection, pressure sensitive vinyl tape giving complete environmental, mechanical and electrical protection for all types of pipe-wrapping applications. UV, bacteria and fungus resistant, Plywrap 11 tape can be used for both overhead and direct burial applications. Fed. Spec. L-T-001512.

Vinyl Electrical Tape

Plymouth

PREMIUM 111

Cat.	Color	Dimensions	Packaging	Weight
4453	black	3/4" x .007" x 66' 19mm x 0,18mm x 20m	100/case PC	24 lbs 11 kg
4452	black	3/4" x .007" x 66' 19mm x 0,18mm x 20m	100/case C	24 lbs 11 kg

PREMIUM 85 CW

Cat.	Color	Dimensions	Packaging	Weight
4240	black	3/4" x .0085" x 66' 19mm x 0,21mm x 20m	100/case PC	28 lbs 13 kg
4252	black	1 1/2" x .0085" x 66' 38mm x 0,21mm x 20m	100/case C	38 lbs 17 kg
4273	black	1 1/2" x .0085" x 108' 38mm x 0,21mm x 33m	50/case C	38 lbs 17 kg
4311	black	2" x .0085" x 66' 51mm x 0,21mm x 20m	40/case C	28 lbs 13 kg
4243	black	3/4" x .0085" x 66' 19mm x 0,21mm x 20m	100/case C	23 lbs 10 kg

PREMIUM 37 Color Coding (Plastic Can)

Cat.	Color	Dimensions	Packaging	Weight
3702	green	3/4" x .007" x 66' 19mm x 0,18mm x 20m	20/case PC	51 bs 2 kg
3703	yellow	3/4" x .007" x 66' 19mm x 0,18mm x 20m	20/case PC	51 bs 2 kg
3704	red	3/4" x .007" x 66' 19mm x 0,18mm x 20m	20/case PC	51 bs 2 kg
3705	blue	3/4" x .007" x 66' 19mm x 0,18mm x 20m	20/case PC	51 bs 2 kg
3706	white	3/4" x .007" x 66' 19mm x 0,18mm x 20m	20/case PC	51 bs 2 kg
3707	brown	3/4" x .007" x 66' 19mm x 0,18mm x 20m	20/case PC	51 bs 2 kg
3708	orange	3/4" x .007" x 66' 19mm x 0,18mm x 20m	20/case PC	51 bs 2 kg
3709	grey	3/4" x .007" x 66' 19mm x 0,18mm x 20m	20/case PC	51 bs 2 kg
3711	violet	3/4" x .007" x 66' 19mm x 0,18mm x 20m	20/case PC	51 bs 2 kg

Premium 37 Color Coding (Cello+Label)

Cat.	Color	Dimensions	Packaging	Weight
8756	green	3/4" x .007" x 66' 19mm x 0,18mm x 20m	100 case C	21 lbs 10 kg
8754	yellow	3/4" x .007" x 66' 19mm x 0,18mm x 20m	100 case C	21 lbs 10 kg
8751	red	3/4" x .007" x 66' 19mm x 0,18mm x 20m	100 case C	21 lbs 10 kg
8753	blue	3/4" x .007" x 66' 19mm x 0,18mm x 20m	100 case C	21 lbs 10 kg
8752	white	3/4" x .007" x 66' 19mm x 0,18mm x 20m	100 case C	21 lbs 10 kg
8757	brown	3/4" x .007" x 66' 19mm x 0,18mm x 20m	100 case C	21 lbs 10 kg
8759	orange	3/4" x .007" x 66' 19mm x 0,18mm x 20m	100 case C	21 lbs 10 kg
8755	grey	3/4" x .007" x 66' 19mm x 0,18mm x 20m	100 case C	21 lbs 10 kg
8758	violet	3/4" x .007" x 66' 19mm x 0,18mm x 20m	100 case C	21 lbs 10 kg

HD 2

Cat.	Color	Dimensions	Packaging	Weight
8724	black	2" x .010" x 108' 50mm x 0,25mm x 33m	40/case C	46 lbs 21 kg

PLYWRAP® 11 (10 mil)

Cat.	Color	Dimensions	Packaging	Weight
4610	black	1" x .010" x 100' 51mm x 0,25mm x 30m	48/case C	26 lbs 12 kg
4611	black	2" x .010" x 100' 50mm x 0,25mm x 30m	24/case C	26 lbs 12 kg

Friction and Duct Tapes

Plymouth



100 ASTM Friction Tape

A high quality cotton fabric coated on both sides with a black rubber adhesive compound which provides good adhesion to all types of surfaces. A 15 mil (0,38mm) general purpose tape that provides excellent protection against abrasion. ASTM-D-4514, Comm. Spec. 6747, HHT 101A.

170 BROWN Friction Tape

A high quality cotton fabric coated on both sides with a brown rubber adhesive compound which provides good adhesion to all types of surfaces. Distinctive natural rubber color, excellent tack. Provides excellent protection against abrasion for cable and splices.

PLYDUCT® 48 - Premium Grade Cloth Duct Tape

A premium duct tape that provides excellent adhesion to all types of surfaces. Laminated cloth construction provides superior mechanical strength and will conform to irregular surfaces. Use for sealing joints on all types of duct work. Excellent for heavy duty applications.

100 ASTM Friction Tape

Cat.	Color	Dimensions		Packaging	Weight
1004	black	3/4" x .015" x 30'	19mm x 0,38mm x 9m	200/case C	34 lbs 15 kg
1002	black	3/4" x .015" x 60'	19mm x 0,38mm x 18m	100/case C	29 lbs 13 kg
1038	black	1 1/2" x .015" x 60'	38mm x 0,38mm x 18m	50/case C	29 lbs 13 kg
1039	black	2" x .015" x 60'	51mm x 0,38mm x 18m	40/case C	31 lbs 15 kg
1012	black	3/4" x .015" x 82.5'	19mm x 0,38mm x 25m	100/case C	44 lbs 20 kg
1047	black	1 1/2" x .015" x 82.5'	38mm x 0,38mm x 25m	50/case C	36 lbs 19 kg

170 Brown Friction Tape

Cat.	Color	Dimensions		Packaging	Weight
1008	brown	3/4" x .0015" x 70'	19mm x 0,38mm x 21m	100/case C	36 lbs 16 kg
1057	brown	2" x .015" x 70'	51mm x 0,38mm x 21m	40/case C	40 lbs 18 kg
1077	brown	1" x .015" x 70'	25mm x 0,38mm x 21m	80/case C	40 lbs 19 kg

PLYDUCT® 48 - Premium Grade Cloth Duct Tape

Cat.	Color	Dimensions		Packaging	Weight
3150	grey	2" x 60 yds.	51mm x 55m	24/case C	39 lbs 17 kg

Low Voltage Rubber Tape

Plymouth



122 Rubber Tape - Splicing Compound

A 30 mil (0,76mm) UL listed, self-amalgamating, low voltage rubber tape which can be used as primary insulation for splices at not more than 600 volts when used in conjunction with a friction or vinyl jacketing tape. UL 510.

150 ASTM Rubber Tape

A 30 mil (0,76 mm) self-amalgamating, low voltage rubber tape that can be used for insulating cable splices through 2kV, in conjunction with a jacketing tape. Compatible with low and high density polyethylene and polypropylene PIC cables plus all rubber and PVC cable elements. 150 ASTM conforms easily and self-amalgamates into a homogenous, void-free mass to provide an effective moisture seal. ASTM-D-4388, Communications Industry Specification 6746.

125 Electrical Filler Tape

A 125 mil (3,2mm) self-amalgamating, low voltage insulating compound designed for quick, void-free insulation build-up. 125 can be easily molded by hand to conform to irregular shapes and can be used as primary insulation for splices through 5kV in conjunction with other insulating tapes. 125 is ideal for covering split bolts, padding bus bar edges and connections, and provides an excellent moisture seal. MIL-I-17695A.

PLYFILL Tape

Plyfill is a self-amalgamating low voltage insulating mastic, designed for quick void-free insulation build-up.

Plyfill can be easily molded by hand to confirm to irregular shapes and can be used as primary insulation for splices through 5 kV in conjunction with other insulating tapes. Plyfill provides an excellent moisture seal.

122 Rubber Tape - Splicing Compound

Cat.	Color	Dimensions		Packaging	Weight
2002	black	3/4" x .030" x 22'	19mm x 0,76mm x 6,7m	100/case C	34 lbs 15 kg
2020	black	2" x .030" x 22'	51mm x 0,76mm x 6,7m	40/case C	35 lbs 16 kg
2004	black	3/4" x .030" x 11'	19mm x 0,76mm x 3,3m	100/case C	18 lbs 9 kg

150 ASTM Rubber Tape

Cat.	Color	Dimensions		Packaging	Weight
2006	grey	3/4" x .030" x 30'	19mm x 0,76mm x 9m	100/case C	52 lbs 24 kg

125 Electrical Filler Tape

Cat.	Color	Dimensions		Packaging	Weight
2074	black	1 1/2" x .125" x 60"	38mm x 3,2mm x 1,5m	10/case B	7 lbs 3 kg

PLYFILL Tape

Cat.	Color	Dimensions		Packaging	Weight
2644	black	1 1/2" x 0,125" x 5'	38mm x 3,2mm x 1,5m	12/case B	4 lbs 2 kg

Insulating Mastics

Plymouth



10 PLYSEAL® Insulating Mastic

A self-amalgamating, insulating mastic for insulating and sealing all types of overhead and direct buried electrical connections up to 600 Volts. 10 Plyseal has superior adhesion to metals, cable insulations, and jackets with no adverse effect on polymeric conducting shields. For watersealing duct work, cable ends, and all types of splices.

4000 PLYSEAL®-V Vinyl Reinforced Insulating Mastic

Used for encapsulating and sealing sub-surface and overhead cases and auxiliary sleeves, ducts, and cable ends. Excellent for sheath and conduit repairs. Impervious to ozone, fresh water, salt water, and soil chemicals. Vinyl film backing provides mechanical strength and abrasion resistance. Plyseal-V is preferred for cold weather applications.

5000 BUS-SEAL EPR-Backed Insulating Mastic

A laminate of W963 Plysafe EPR high voltage tape and 10 Plyseal insulating mastic in a roll form. A one-pass application of this laminate provides high dielectric strength, instant adhesion and excellent conformability. For insulating and water-proofing high voltage bus connectors and conductors. Corrosion protection for junction boxes, bus-duct and cable tray joints. Outer jacket for direct buried high voltage splices. For primary insulation up to 2kV. For bus-bar applications, one half-lapped layer of 5000 Bus-Seal will provide short circuit protection up to 15kV and brush protection up to 25kV.

Rubber Mastic (RM) Tapes

A self-bonding mastic tape consisting of an ethylene propylene rubber (EPR) backing, bonded to a tacky, temperature stable, electrical grade mastic. Use for insulating and moisture sealing splices and terminations on solid dielectric cable. Can be wrapped, stretched or molded around irregular shapes for insulation build-up, water-sealing, and surface protection. Provides excellent electrical properties, superior adhesion, moisture and chemical resistance. For primary insulation up to 2kV.

Vinyl Mastic (VM) Tapes

A self-fusing mastic compound with an all-weather, premium vinyl backing that can be used for insulating and water-sealing electrical connections through 600 volts. Small roll sizes can be stretched and molded around irregular shapes, even in tight locations. Provides excellent electrical properties, superior adhesion, and moisture and chemical resistance. Vinyl backing adds UV protection. Use for insulating overhead and direct buried low voltage connections, motor lead connections, and cable and conduit repair.

WATERSEAL MASTIC

A self-amalgamating, mechanical grade mastic used for sealing and water-proofing. Excellent adhesion to metals, cable insulations, and jackets. Soft, malleable nature makes Waterseal ideal for molding and conforming to irregular shapes. Use in conjunction with Plymouth's premium tapes for optimum performance.

10 PLYSEAL® Insulating Mastic

Cat.	Form	Dimensions		Packaging	Weight
2626	roll	3 3/4" x .125" x 10'	95mm x 3,2mm x 3m	10/case B	31 lbs 14 kg
2627	pad	3 3/4" x .125" x 3 3/4"	95mm x 3,2mm x 95mm	10 pads/bx, 10 bxs/case	9 lbs 4 kg
2628	pad	3 3/4" x .125" x 6 1/2"	95mm x 3,2mm x 165mm	10 pads/bx, 80 bxs/case	17 lbs 8 kg

Insulating Mastics

Plymouth

4000 PLYSEAL®-V Vinyl Reinforced Insulating Mastic

Cat.	Form	Dimensions	Packaging	Weight
2620	roll	4" x .133" x 10' 102mm x 3,4mm x 3m	10/case B	34 lbs 15 kg
2621	pad	4" x .133" x 4" 102mm x 3,4mm x 102mm	10 pads/bx, 10 bxs/case	11 lbs 5 kg
2622	pad	4" x .133" x 6 1/2" 102mm x 3,4mm x 165mm	10 pads/bx, 10 bxs/case	17 lbs 8 kg

5000 BUS-SEAL EPR-Backed Insulating Mastic

Cat.	Form	Dimensions	Packaging	Weight
8371	roll	4" x .155" x 10' 102mm x 3,9mm x 3m	10/case B	36 lbs 16 kg

RUBBER MASTIC (RM) Tapes

Cat.	Form	Dimensions	Packaging	Weight
2619	roll	1 1/2" x .065" x 10' 38mm x 1,65mm x 3m	30/case IB	38 lbs 18 kg
2625	roll	2" x .065" x 10' 51mm x 1,65mm x 3m	30/case B	30 lbs 14 kg
2719	roll	1" x .065" x 10' 25,4mm x 1,65mm x 3m	10/case B	5 lbs 2 kg

VINYL MASTIC (VM) Tapes

Cat.	Form	Dimensions	Packaging	Weight
2617	roll	3/4" x .025" x 20' 19mm x 0,635mm x 6m	80/case B	29 lbs 13 kg
2618	roll	1 1/2" x .025" x 20' 38mm x 0,635mm x 6m	40/case C	26 lbs 11 kg
2609	roll	4" x .050" x 10' 100mm x 1,3mm x 3m	10/case B	13 lbs 6 kg

WATERSEAL MASTIC

Cat.	Form	Dimensions	Packaging	Weight
2856	pad	2 1/2" x .125" x 2' 64mm x 3,2mm x 610mm	40 pads/case IB	17 lbs 8 kg

Low Voltage Splice Kits



SPLICE WRAP™ One-Step Splice Kit

For insulating and water-proofing direct burial or overhead splices and terminations through 2000V. For cable jacket repair and restoration, and ground seal for shielded power cable. Suitable for straight and branch joints. Easy 1-step application. Connectors not included.

SPLICEWRAP One-Step Splice Kit

Cat.	Range	Packaging	Weight
8910	up to 500 kCMIL	20/case B	6 lbs. 3 kg

High Voltage Tape

Plymouth



L969 PLYVOLT™ Linerless High Voltage Insulating Tape

A 30 mil (0,76mm) EPR, self-bonding high voltage tape for insulating and jacketing splices through 69kV. L969 Plyvolt is linerless, and permits quicker application than a tape with liner. Yields a void-free build-up. Excellent corona, ozone, and chemical resistance. L969 Plyvolt can also be used for building stress-cones on power cable through 35kV. ASTM-D-4388, HH-I-553C.



W963 PLYSAFE® High Voltage Insulating Tape with Liner

A 30 mil (0,76mm) EPR, self-amalgamating high voltage tape for insulating and jacketing splices through 69kV. W963 Plysafe amalgamates quickly, yielding a void-free, electrically stable build-up and is ideal for water-proofing. ASTM-D-4388, HH-I-553C/Grade A, MIL-I-3825B.



3 BI-SEAL® High Voltage Insulating Tape with Liner

A polyethylene and ethylene propylene rubber based tape possessing superior electrical, chemical, mechanical and thermal properties. Fuses quickly, yielding a void-free, electrically stable build-up. For insulating and jacketing of splices on power cable from 600 volts through 69kV and for building stress cones and jacketing of terminations on power cable from 600 volts through 35kV. Available in 20 mil (0,51mm) or 30 mil (0,76mm) thickness. ASTM-D-4388, HH-I-553C.



W962 High Voltage Insulating Tape With Liner

20 mil (0,51mm) EPR based high voltage tape with superior electrical, chemical, mechanical, and thermal properties. For insulating and jacketing of splices on power cable from 600 volts through 138kV and for building stress cones and jacketing of terminations on power cable from 600 volts through 35kV. W962 is self-amalgamating. ASTM-D-4388.



PIB Medium Voltage Tape with Black Liner

A self-amalgamating, polyisobutylene-based medium voltage tape that maintains a tight insulation build-up for void-free electrical stability and permanent resistance to moisture penetration. For insulating and jacketing of splices on power cables from 600 volts through 46kV. Plymouth's PIB has excellent stretch capabilities that allow fast taping speeds and is compatible with all extruded dielectrical cable insulations.



17 PLYSHIELD® EPR Shielding Tape

A 30 mil (0,76mm) EPR self-amalgamating, conducting tape for shielding high voltage splices and terminations. Use for rebuilding strand shield and insulation shields on high voltage splices and for shielding all types of connections. ASTM-D-4388.



15 PLYBRAID® Tinned Copper Shielding Tape

A tinned copper mesh-knit shielding with exceptional conformability for replacing metallic shield in shielded cable repair. The two-inch width allows for quicker application and a larger overlap for increased safety in flexible cables.



PLYSTRAP® Tinned Copper Ground Braid

A woven tinned copper braid used for grounding high voltage splices and terminations. Also used for shield continuation on splices. Plystrap has current carrying capacity of #9 AWG solid copper.

High Voltage Tape

Plymouth

L969 PLYVOLT™ Linerless High Voltage Insulating Tape

Cat.	Dimensions	Packaging	Weight
2211	3/4" x .030" x 30' 19mm x 0,76mm x 9m	100/case B	38 lbs 18 kg
2212	1" x .030" x 30' 25mm x 0,76mm x 9m	80/case B	41 lbs 19 kg
2213	1 1/2" x .030" x 30' 38mm x 0,76mm x 9m	50/case B	36 lbs 16 kg
2214	2" x .030" x 30' 51mm x 0,76mm x 9m	40/case C	37 lbs 17 kg

W963 PLYSAFE® High Voltage Insulating Tape with Liner

Cat.	Dimensions	Packaging	Weight
2117	3/4" x .030" x 30' 19mm x 0,76mm x 9m	100/case B	46 lbs 21 kg
2132	1" x .030" x 30' 25mm x 0,76mm x 9m	80/case B	47 lbs 22 kg
2134	1 1/2" x .030" x 30' 38mm x 0,76mm x 9m	50/case B	43 lbs 20 kg
2145	2" x .030" x 30' 51mm x 0,76mm x 9m	40/case C	44 lbs 20 kg

3 BI-SEAL® High Voltage Insulating Tape with Liner

Cat.	Dimensions	Packaging	Weight
8051	3/4" x .020" x 30' 19mm x 0,51mm x 9m	100/case B	44 lbs 20 kg
8052	1" x .020" x 30' 25mm x 0,51mm x 9m	80/case B	42 lbs 21 kg
8053	1 1/2" x .020" x 30' 38mm x 0,51mm x 9m	50/case B	40 lbs 18 kg
8054	2" x .020" x 30' 51mm x 0,51mm x 9m	40/case C	41 lbs 19 kg
8065	3/4" x .030" x 30' 19mm x 0,76mm x 9m	100/case B	53 lbs 24 kg
8066	1" x .030" x 30' 25mm x 0,76mm x 9m	80/case B	54 lbs 25 kg
8067	1 1/2" x .030" x 30' 38mm x 0,76mm x 9m	50/case B	52 lbs 24 kg
8068	2" x .030" x 30' 51mm x 0,76mm x 9m	40/case C	53 lbs 24 kg

W962 High Voltage Insulating Tape With Liner

Cat.	Dimensions	Packaging	Weight
8080	3/4" x .020" x 30' 19mm x 0,51mm x 9m	100/case B	44 lbs 20 kg
8081	1" x .020" x 30' 25mm x 0,51mm x 9m	80/case B	46 lbs 21 kg
8082	1 1/2" x .020" x 30' 38mm x 0,51mm x 9m	50/case B	41 lbs 19 kg

PIB Medium Voltage Tape with Black Liner

Cat.	Dimensions	Packaging	Weight
2038	3/4" x .020 x 33' 19mm x 0,51 x 10m	100/case C	21 lbs 10 kg
2039	1" x .020 x 33' 25mm x 0,51 x 10m	80/case C	50 lbs 23 kg

17 PLYSHIELD® EPR Shielding Tape

Cat.	Dimensions	Packaging	Weight
2104	3/4" x .030" x 15' 19mm x 0,76mm x 4,6m	50/case B	13 lbs 6 kg

15 PLYBRAID Tinned Copper Shielding Tape

Cat.	Dimensions	Packaging	Weight
2230	2" x 10' 50mm x 3m	40 rolls/case	8 lbs 4 kg
5415	1" x 15' 25mm x 4,6m	50/case B	7 lbs 3 kg
5416	1" x 100' 25mm x 30m	16/case B	9 lbs 4 kg

PLYSTRAP® Tinned Copper Ground Braid

Cat.	Dimensions	Packaging	Weight
2711	3/8" x 100' 9mm x 30m	1/case B	4 lbs 2 kg

Special Purpose Products

Plymouth



20 PLYSIL® Silicone Rubber Tape

A 20 mil (0,51mm) triangular cross-section, self-amalgamating, silicone rubber tape used for jacketing high voltage terminations on solid dielectric cable through 69kV. 20 PLYSIL is track and erosion resistant and can be used as primary insulation for high temperature (180°C) applications. ASTM-D-2148, MIL-I-46852A.



53 PLYARC® Arc and Fireproofing Tape

A 30 mil (0,76mm) elastomeric tape that provides excellent flame and arc protection for all types of cables. When exposed to flame, 53 PLYARC will generate a thermally insulating residue for cable protection. Use on cable conduit where added fire protection is required. Excellent flexibility and conformability for easy application. Available in grey or in fibre optic orange.



77 PLYGLAS® Pressure Sensitive Glass Cloth Tape

A 7 mil (0,18mm) woven glass fabric tape with a thermosetting rubber based, pressure sensitive adhesive used for insulating and protecting high temperature (130°C) connections, such as motor leads and transformer windings. 77 PLYGLAS has high tensile strength for splice reinforcement and provides excellent tear and abrasion resistance. Use 77 PLYGLAS to hold down 53 PLYARC arc- and fire-proofing tape. Comm. Spec. 7611, ASTM-D-2754, MIL-I-15126F/GFT.



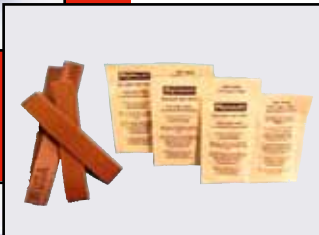
61 and 61A Varnished Dacron-Glass Tape

61 and 61A Varnished Dacron-Glass Tapes are a fine weave of Dacron and fiber glass threads, impregnated with a fully cured polyester coating which provides excellent electrical and mechanical protection. The tapes are intended for use to 155°C and have good flexibility to allow tight taping of irregular shapes. Available without adhesive (61-7mils[18mm]) and with adhesive (61A - 8mils [20mm]).



44 NEOPRENE Jacketing Tape

A 30 mil (0,76mm) self-amalgamating neoprene tape specially formulated for permanent protection of cables exposed to oil, grease, and other hydrocarbons. 44 Neoprene is chemical, weather, and flame resistant. Use for corrosion protection on lead splicing sleeves.



PLYPREP™ Cable Preparation Kit

Plyprep is an effective and environmentally friendly cleaning kit for the proper preparation of both high and low voltage cables prior to splicing or terminating. Very effective for removing grease, oil, tar, and other contaminants from cables. Kits have everything necessary to prepare cables for a splice or termination. Each kit contains three sealed wipe sets and one 120 grit non-conducting abrasive cloth.



TERMINAL WRAP

Use for terminating three-core shielded cables for motor leads. Each kit contains three rolls of a specially formulated Stress-Wrap 1" (25mm) wide, coreless rolls. Stress-Wrap is a laminate of EPR High Voltage Insulating Tape and a special voltage gradient stress relieving compound. US Patent #4,187,389.

Special Purpose Products

Plymouth

20 PLYSIL® Silicone Rubber Tape

Cat.	Dimensions	Packaging	Weight
3455	1" x .020" x 30' 25mm x 0,51mm x 9m	50/case C	18 lbs 8 kg

53 PLYARC® Arc and Fireproofing Tape

Cat.	Color	Dimensions	Packaging	Weight
3817	Grey	1 1/2" x .030" x 20' 38mm x 0,76mm x 6m	20/case C	12 lbs 5 kg
3819	Grey	3" x .030" x 20' 76mm x 0,76mm x 6m	10/case C	12 lbs 5 kg

77 PLYGLAS® Pressure Sensitive Glass Cloth Tape

Cat.	Dimensions	Packaging	Weight
3451	1/2" x .007" x 66' 13mm x 0,18mm x 20m	50/case B	9 lbs 4 kg
3456	3/4" x .007" x 66' 19mm x 0,18mm x 20m	50/case B	12 lbs 5 kg
3459	1" x .007" x 108' 25mm x 0,18mm x 33m	20/case B	37 lbs 17 kg

61 and 61A Varnished Dacron Glass Tape

Cat.	Dimensions	Packaging	Weight
1101 (without adhesive)	3/4" x .007" x 60' 19mm x 0,18mm x 18m	40/case B	9 lbs 4 kg
1102 (without adhesive)	1" x .007" x 108' 25mm x 0,18mm x 33m	6/case	4 lbs 2 kg
1103 (without adhesive)	1 1/2" x .007" x 108' 38mm x 0,18mm x 33m	6/case B	16 lbs 7 kg
1121 (with adhesive)	3/4" x .008" x 60' 19mm x 0,20mm x 18,2m	40/case B	9 lbs 4 kg
1122 (with adhesive)	1" x .008" x 108' 25mm x 0,20mm x 33m	6/case	4 lbs 2 kg
1123 (with adhesive)	1 1/2" x .008" x 108' 38mm x 0,20mm x 33m	6/case B	16 lbs 7 kg

44 NEOPRENE Jacketing Tape

Cat.	Dimensions	Packaging	Weight
8261	3/4" x .030" x 30' 19mm x 0,76mm x 9m	100/case C	54 lbs 24 kg
8263	1 1/2" x .030" x 30' 38mm x 0,76mm x 9m	50/case C	55 lbs 25 kg
8264	2" x .030" x 30' 51mm x 0,76mm x 9m	40/case C	57 lbs 26 kg

PLYPREP™ Cable Preparation Kit

Cat.	Contents	Packaging	Weight
2684	1 kit/bag	20/case	4 lbs 2 kg

TERMINAL WRAP

Cat.	Range	Packaging	Weight
9012	2-25kV/.55"-.95" dia. 14,1-24,1mm dia.	20/case B	8 lbs 4 kg



Plymouth Tape offers multiple solutions to arc and fireproofing, including 53 Plyarc® arc and fireproofing tape.

Termination Kits

Plymouth



COLDTERM™ Cold Shrink Cable Termination Kits - Outdoor/Indoor

An anti-tracking, skirted (outdoor only) silicone rubber termination for tape shielded, wire shielded, JCN and Unishield® cables. Universal kit design fits all extruded dielectric cables. Outdoor models feature unique pull-over tabs for fast and easy installation and superior insulating qualities. Design range covers 5-8kV (3/0 AWG to over 1000kCMIL), 15kV (2 AWG to 5000kCMIL), 25-28kV (2/0 AWG to 1250kCMIL) and 35 kV (1/0 AWG to 1000 KCMIL). Meets IEEE Standard No. 48, Class 1.

Note: kits do not include terminal lugs.

Cat.	Dimensions	Packaging	Weight
Outdoor			
2800	5-15kV, cable insulation o.d. range .637-1.12"	3 terminations/kit, 1 kit/case	3 lbs 1 kg
2801	5-28kV, cable insulation o.d. range .84-1.38"	3 terminations/kit, 1 kit/case	3 lbs 1 kg
2802	5-15kV, cable insulation o.d. range 1.3-2.1"	3 terminations/kit, 1 kit/case	3 lbs 1 kg
2806	5-35kV, cable insulation o.d. range .84-1.38"	3 terminations/kit, 1 kit/case	4 lbs 2 kg
2807	5-35kV, cable insulation o.d. range 1.3-2.1"	3 terminations/kit, 1 kit/case	4 lbs 2 kg
Indoor			
2803	5-15kV, cable insulation o.d. range .637-1.12"	3 terminations/kit, 1 kit/case	3 lbs 1 kg

Cat. No.	Cable Insulation O.D. Range	5 kV 100%	5 kV 133% 8 kV 100%	15 kV 100%	15 kV 133%	25/28 kV	35 kV 100%	35 kV 133%
OUTDOOR 2800	.637 - 1.12"	3/0 AWG to 600 kCMIL	1/0 AWG to 500 kCMIL	2 AWG to 350 kCMIL	4 AWG to 250 kCMIL	N/A	N/A	N/A
	1,62 - 2,84 cm	85 sq mm to 304 sq mm	53 sq mm to 253 sq mm	34 sq mm to 177 sq mm	21 sq mm to 127 sq mm			
2801	0.84 - 1.38"	350 kCMIL to 1000 kCMIL	250 kCMIL to 750 kCMIL	3/0 AWG to 600 kCMIL	1/0 AWG to 500 kCMIL	2 AWG to 400 kCMIL	N/A	N/A
	2,13 - 3,51 cm	177 sq mm to 507 sq mm	127 sq mm to 380 sq mm	85 sq mm to 304 sq mm	53 sq mm to 253 sq mm	34 sq mm to 203 sq mm		
2802	1.3 - 2.1"	Over 1000 kCMIL	750 kCMIL to 2000 kCMIL	600 kCMIL to 1500 kCMIL	500 kCMIL to 1500 kCMIL	400 kCMIL to 1250 kCMIL	N/A	N/A
	3,30 - 5,33 cm	Over 507 sq mm	380 sq mm to 1013 sq mm	304 sq mm to 760 sq mm	253 sq mm to 760 sq mm	203 sq mm to 633 sq mm		
2806	0.84 - 1.38"	350 kCMIL to 1000 kCMIL	250 kCMIL to 750 kCMIL	3/0 AWG to 600 kCMIL	1/0 AWG to 500 kCMIL	2 AWG to 400 kCMIL	1/0 AWG to 250 kCMIL	1/0 AWG to 2/0 AWG
	2,13 - 3,51 cm	177 sq mm - 507 sq mm	127 sq mm - 380 sq mm	85 sq mm to 304 sq mm	53 sq mm to 253 sq mm	34 sq mm to 203 sq mm	53 sq mm to 127 sq mm	53 sq mm to 67 sq mm
2807	1.32 - 2.1"	1000 kCMIL to 2500 kCMIL	750 kCMIL to 2000 kCMIL	600 kCMIL to 1500 kCMIL	500 kCMIL to 1500 kCMIL	400 kCMIL to 1250 kCMIL	250 kCMIL to 1000 kCMIL	2/0 AWG to 1000 kCMIL
	3,30 - 5,53 cm	507 sq mm - 1263 sq mm	380 sq mm to 760 sq mm	304 sq mm to 760 sq mm	253 sq mm to 760 sq mm	203 sq mm to 633 sq mm	127 sq mm to 507 sq mm	67 sq mm to 507 sq mm
INDOOR 2803	.637 - 1.12"	3/0 AWG to 600 kCMIL	1/0 AWG to 500 kCMIL	2 AWG to 350 kCMIL	4 AWG to 250 kCMIL	N/A	N/A	N/A
	1,62 - 2,84 cm	85 sq mm to 304 sq mm	53 sq mm to 253 sq mm	34 sq mm to 177 sq mm	21 sq mm to 127 sq mm			

Telecommunications Products



Vinyl Tape

Rubber Tape

Special Items

**Insulating
Mastics**

Plymouth



Telecom Products Vinyl Tape

Plymouth



PLYCOM® T-818 (G-Vinyl)

Designed specifically to meet the exacting requirements of the communications industry. T-818 is fully conformable at 0°F (-18°C) and pulls smoothly from roll at maximum splicing speeds without breaking, yet retains its strength and adhesion at elevated temperatures. Once wrapped T-818 stays down from -40°F to +176°F (-40°C to 80°C). MIL-I-24391C. "G" Vinyl Specification 8726.

PLYWRAP® 11 Vinyl Corrosion Protection Tape (E-Vinyl)

A strong physical barrier which is moisture-proof, inert and non-conducting. Used for protecting splice cases, load coil cases, conduit, and other areas. Provides atmospheric, galvanic, fungal, and bacterial protection. "E" vinyl Specification 8035.

PLYCOM® T-818 (G-Vinyl)

Cat.	Dimensions	Packaging	Weight
4290	3/4" x .0085" x 66'	100/case C	26 lbs 11 kg
4292	1 1/2" x .0085" x 44'	100/case C	35 lbs 16 kg

PLYWRAP® 11 Vinyl Corrosion Protection Tapes (E-Vinyl)

Cat.	Dimensions	Packaging	Weight
4611	2" x .010" x 100'	24/case C	26 lbs 12 kg

Plymouth's G-Vinyl Flat 5-Pack **The Industry Standard over 40 Years.**



- Easy to handle
- Protects unused rolls

Telecom Products Rubber Tape

Plymouth



COHESIVE RUBBER TAPE (CR)

Consists of one soft, uncured layer bonded to a cured, abrasion-resistant layer. Unique separator allows controlled removal at the user's discretion. An air-tight, water-proof, gas-tight seal is formed when the uncured layer is bonded to itself. The industry standard for temporary splice coverings on communication and control cables. Maintains gas pressure in pressurized cable. Communications Industry Specification 7144.

DOUBLE RUBBER TAPE (DR)

Non-adhesive, self-bonding communications tape used for critical sealing and re-jacketing. One layer of uncured compound permanently fused to an abrasion-resistant layer of cured rubber. Easy-tear separator. Controlled unwind. Full or half-lapped, a strong bond develops between both plies to maintain gas pressure in pressurized cables. Communications Industry DR Specifications TL-192 and 6863.

150 ASTM RUBBER TAPE

A 30-mil (0,76 mm) self-amalgamating, low voltage rubber tape that can be used for insulating cable splices through 2kV, in conjunction with a jacketing tape. Compatible with low and high density polyethylene and polypropylene PIC cables plus all rubber and PVC cable elements. 150 ASTM conforms easily and self-amalgamates into a homogenous, void-free mass to provide an effective moisture seal. ASTM-D-4388, Communications Industry Specification 6746.

COHESIVE RUBBER TAPE (CR)

Cat.	Dimensions	Packaging	Weight
2065	28" x .050" x 20' 714mm x 1,3mm x 6m	1/case	16 lbs 7 kg
2110	36" x .050" x 20' 912mm x 1,3mm x 6m	1/case	21 lbs 10 kg

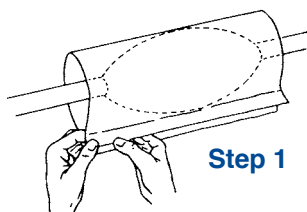
DOUBLE RUBBER TAPE (DR)

Cat.	Dimensions	Packaging	Weight
2011	3/4" x .045" x 15' 19mm x 1,1mm x 4,6m	100/case C	40 lbs 18 kg
2013	2" x .045" x 15' 51mm x 1,1mm x 4,4m	40/case C	40 lbs 18 kg

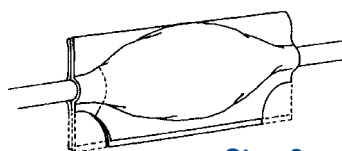
150 ASTM RUBBER TAPE

Cat.	Dimensions	Packaging	Weight
2006	3/4" x .030" x 30' 19mm x 0,76mm x 9m	100/case C	52 lbs 24 kg

Using CR Tape for Temporary Protection of Telephone Lines



Step 1
Cover the splice area.



Step 2
Press the edges of the CR Tape together



Step 3
Tie the ends with Rubber Tie Cord

Telecom Products Special Items

Plymouth



100 ASTM Friction Tape

Made from first-quality sheeting impregnated with a special rubber compound. Superior strength, resistance to abrasion and excellent adhesion on smooth, rough or irregular surfaces. ASTM friction tape is an economical, general purpose tape used in a variety of applications such as cover tape over splicing and filler compounds, anchoring tape or splice overwrap, and more. Will not dry out or unravel. Communications Industry Specification 6747.

77 PLYGLAS®

Pressure Sensitive Glass Cloth Tape

A dense weave fiberglass fabric, impregnated and coated with a pressure sensitive thermosetting adhesive. Plyglas is heat and flame resistant, non-corrosive and will provide continuous 266°F (130°C) service. The high tensile strength of 77 Plyglas assures the user of long lasting, dependable, mechanical reinforcement and thermal protection. 77 Plyglas can be used to hold arc- and fire-proof tape in place on cables or whenever high temperature protection and mechanical strength is needed. Communication Industry Specification 7611, MIL-I-15126F/GFT.

53 PLYARC® Arc and Fireproofing Tape

A 30 mil (0,76mm) elastomeric tape that provides excellent flame and arc protection for all types of cables. When exposed to flame, 53 Plyarc will generate a thermally insulating residue for cable protection. Use on cable conduit where added fire protection is required. Excellent flexibility and conformability for easy application.

100 ASTM FRICTION TAPE

Cat.	Color	Dimensions	Packaging	Weight
1013	black	3/4" x 36' 19mm x 11m	200/case C	41 lbs 19 kg
1015	black	2" x 36' 51mm x 11m	60/case C	32 lbs 15 kg

77 PLYGLAS® Pressure Sensitive Glass Cloth Tape

Cat.	Color	Dimensions	Packaging	Weight
3456	white	3/4" x .007" x 66' 19mm x 0,18mm x 20m	50/case B	12 lbs 5 kg
3459	white	1" x .007" x 108' 25mm x 0,18mm x 33m	20/case C	37 lbs 17 kg

53 PLYARC® Arc and Fireproofing Tape

Cat.	Color	Dimensions	Packaging	Weight
3817	grey	1 1/2" x .030" x 20' 38mm x 0,76mm x 6m	20/case C	12 lbs 5 kg
3819	grey	3" x .030" x 20' 76mm x 0,76mm x 6m	10/case C	12 lbs 5 kg

Telecom Products Insulating Mastics

Plymouth



4000 PLYSEAL®-V Vinyl Mastic (VM)

Used for encapsulating and sealing sub-surface and overhead cases and auxiliary sleeves, ducts, and cable ends. Excellent for sheath and conduit repairs. Impervious to ozone, fresh water, salt water, and soil chemicals. Vinyl film backing provides mechanical strength and abrasion resistance. Plyseal-V is preferred for cold weather applications; it maintains flexibility and a tight seal even when subjected to extreme flexing. Holds fast and permanently to metal and all types of rubber and synthetic cable elements.

10 PLYSEAL® Insulating Mastic

A self-amalgamating, insulating mastic for insulating and sealing all types of overhead and direct buried electrical connections up to 600 volts. 10 Plyseal has superior adhesion to metals, cable insulations and jackets with no adverse effect on polymeric conducting shields. For watersealing duct work, cable ends, and all types of splices.

WATERSEAL MASTIC

A self-amalgamating, mechanical grade mastic used for sealing and water-proofing. Excellent adhesion to metals, cable insulations, and jackets. Soft, malleable nature makes Waterseal ideal for molding and conforming to irregular shapes. Use in conjunction with Plymouth's premium tapes for optimum performance.

4000 PLYSEAL®-V Vinyl Mastic (VM)

Cat.	Dimensions		Packaging	Weight
2620	4" x .133" x 10'	102mm x 3,4mm x 3m	10 rolls/case B	34 lbs 15 kg
2621	4" x .133" x 4"	102mm x 3,4mm x 102mm	10 pads/box, 10 boxes/case	11 lbs 5 kg
2622	4" x .133" x 6 1/2"	102mm x 3,4mm x 165mm	10 pads/box, 10 boxes/case	18 lbs 8 kg

10 PLYSEAL® Insulating Mastic

Cat.	Dimensions		Packaging	Weight
2626	3 3/4" x .125" x 10'	95mm x 3,2mm x 3m	10 rolls/case B	31 lbs 14 kg
2627	3 3/4" x .125" x 3 3/4"	95mm x 3,2mm x 95mm	10 pads/box, 10 boxes/case	9 lbs 4 kg
2628	3 3/4" x .125" x 6 1/2"	95mm x 3,2mm x 165mm	10 pads/box, 8 boxes/case	17 lbs 8 kg

WATERSEAL MASTIC

Cat.	Form	Dimensions		Packaging	Weight
2856	pad	2 1/2" x .125" x 2'	64mm x 3,2mm x 610mm	40 pads/case IB	17 lbs 8 kg

Mining Products



**Jacketing and
Insulating Tapes**

**Trailing Cable
Splice Kits**

**High Voltage
Splice and**

Termination Kits

Cable Repair Tape

Special Items

Plymouth



Mining Products Jacketing and Insulating Tapes

Plymouth



PLYTUUFF® - F/R PVC Jacketing Tape

PVC tape specifically formulated for flame resistance and abrasion resistance. Use for repairing nicks and tears in all mining cables. Use this tape for primary insulation through 600V. Ideally suited for securing premolded and shrinkable sleeve ends to the cable jacket. Title 30-CFR 18.64, P-153-MSHA Acceptance.

GLF® Jacket Repair Wrap

Use as a jacket repair or conduit repair when severe conditions tear or puncture the original cable jacket or conduit. Extremely abrasion-resistant, with excellent moisture exclusion properties. Approved under 30 CFR 7.404, approval number P-7K-SK-153082-1-MSHA.

NEW GLF2® 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 with approval number P-7K-SK-153082-1-MSHA.

L969 Fire-Resistant Insulating Tape (Linerless Rubber)

Use to insulate around the connector area on splices from 600V-69kV. Also used to fill in irregularities and to smooth out the splice profile before applying jacketing tape.

Rubber Mastic (RM) Tapes

A self-bonding mastic tape consisting of an ethylene propylene rubber (EPR) backing, bonded to a tacky, temperature stable, electrical grade mastic. Use for insulating and moisture sealing splices and terminations on solid dielectric cable. Can be wrapped, stretched or molded around irregular shapes for insulation build-up, water-sealing, and surface protection. Provides excellent electrical properties, superior adhesion, moisture and chemical resistance. For primary insulation up to 2kV.

PLYTUUFF® - F/R PVC Jacketing Tapes

Cat.	Dimensions	Packaging	Weight
3880	3/4" x .007" x 66' 19mm x 0,18mm x 20m	100/case C	23 lbs 10 kg
3881	1 1/2" x .007" x 66' 38mm x 0,18mm x 20m	100/case C	43 lbs 20 kg
3897	1 1/2" x .007" x 44' 38mm x 0,18mm x 13m	100/case C	31 lbs 14 kg

GLF® Jacket Repair Wrap

Cat.	Dimensions	Packaging	Weight
2563	2" x .075" x 6' 51mm x 1,3mm x 1,8m	30/case C	17 lbs 8 kg
2564	2" x .075" x 8.5' 51mm x 1,3mm x 2,6m	20/case C	16 lbs 7 kg

GLF2® Jacket Repair Wrap (With extra layer of adhesive)

Cat.	Dimensions	Packaging	Weight
2501	2 in x 7 ft. 51mm x 2,15 m	30 / Case	30 lbs 14 kg
2502	2 in x 9,5 ft. 51mm x 2,90 m	30 / Case	30 lbs 14 kg

L969 Fire Resistant Insulating Tape (Linerless Rubber)

Cat.	Dimensions	Packaging	Weight
2221	1 1/2" x .030" x 30' 38mm x 0,76mm x 9m	50/case C	31 lbs 14 kg

RUBBER MASTIC (RM) Tapes

Cat.	Form	Dimensions	Packaging	Weight
2625	roll	2" x .065" x 10' 51mm x 1,65mm x 3m	30/case B	30 lbs 14 kg
2619	roll	1 1/2" x .065" x 10' 38mm x 1,65mm x 3m	30/case IB	38 lbs 18 kg

Mining Products Trailing Cable Splice Kits

Plymouth



GLF® & GLF2® Trailing Cable Splices

Use to construct a full or partial splice in single or multi-conductor portable mining cable. Four kits cover the entire range of splicing needs from 600 volt to 5kV, up to 500 KCM (connectors not included). All GLF splice kits meet the technical requirements set forth in 30-CFR § 7.404. Approval number P-7K-SK-153082-1-MSHA.

GLF® Trailing Cable Splices

Cat.	Ranges	Packaging	Weight	
Unshielded				
2561	4c-4/0-AWG, up to 600 V	10/case IB	10 lbs	5 kg
2562	3c-#2-AWG, up to 600 V	10/case IB	12 lbs	5.5 kg
Shielded				
2569	3/C 500 KCM max. up to 995 V max	10/case IB	25 lbs	12 kg
2570	3/C 500 KCM max. up to 15kV max	1/case IB	8 lbs	4 kg

NEW

GLF2® Trailing Cable Splices

Cat.	Ranges	Packaging	Weight	
Unshielded				
2504	4c-# 6 AWG to 4/0 AWG up to 600 V	10/case	16 Lbs	7 kg
2503	4c-# 6 AWG to # 2 AWG up to 600 V	10/case	16 Lbs	7 kg
Shielded				
2505	4c-# 6 AWG to 500 KCM up to 995 V	10/case	31 Lbs	14 kg
2506	4c-# 6 AWG to 500 KCM up to 15,000 V	1/case	7 Lbs	3 kg



The Best of the Best Designed by miners for miners

GLF® Jacket Repair Wrap

Available in kits and rolls. Use as a jacket repair or conduit repair when severe conditions tear or puncture the original cable jacket or conduit. Extremely abrasion-resistant, with excellent moisture exclusion properties. Approved under 30-CFR 7.404, approval number P-7K-SK-153082-1-MSHA.

Mining Products

High Voltage Splice and Termination Kits

Plymouth



MINE POWER FEEDER Splice Kit

Use for splicing single and multi-conductor cable to 15kV found in the mine and prep plant. Kits contain all components to construct an electrically sound splice. The splice utilizes F/R Plyvolt linerless EPR insulating tape, which provides void-free build-ups, high dielectric strength, low electrical loss, and corona resistant. Emergency overload rating of 130°C. Connectors not included.

MINE POWER FEEDER Termination Kit

Use for terminating Mine Power Feeder cables through 15kV. Each kit will terminate a three core type GGC, shielded power cable common in mining operations. Also, ideally suited for motor lead terminations. Each kit contains three rolls of Stress-Wrap voltage gradient material, three ground connectors, three 24" (0.6m) ground ribbons, cleaning solvent and a fine grit cloth. Stress-Wrap is a laminate of EPR High Voltage Insulating Tape and a special voltage gradient stress-relieving compound. Terminal connector not included. *U.S. Patent #4,187,389.*

MINE TERMINAL WRAP

Use for terminating three-core shielded cables to 25 kV when installing a coupler. Each kit contains three rolls of specially formulated Stress-Wrap. Packaged on 1" (25mm) wide coreless rolls. Stress-Wrap is a laminate of EPR High Voltage Insulating Tape and a special voltage gradient stress-relieving compound. *U.S. Patent #4,187,389.*

MINE POWER FEEDER SPLICE KIT

Cat.	Ranges	Packaging	Weight
2567	5-15kV, #8-4/0 AWG	1/case B	8 lbs 4 kg

MINE POWER FEEDER TERMINATION KIT

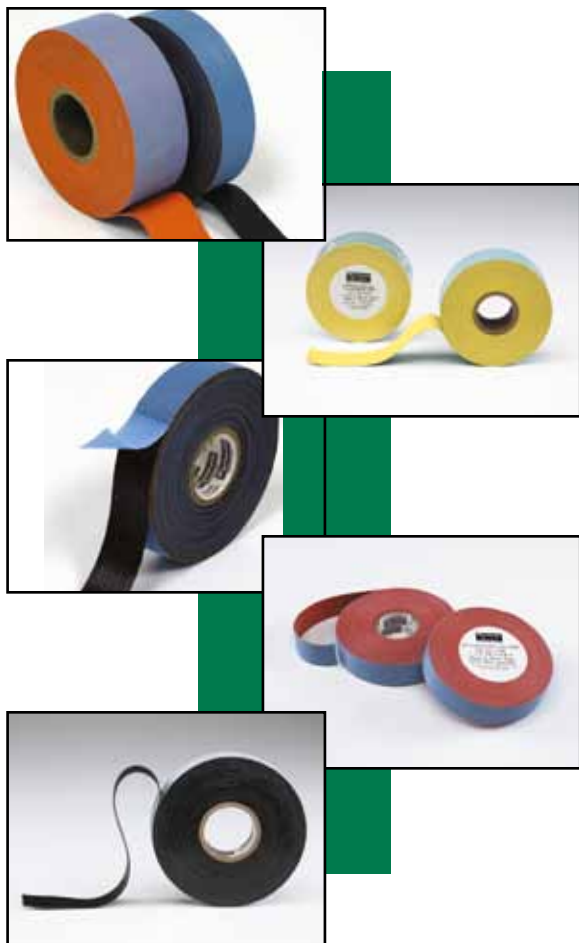
Cat.	Ranges	Packaging	Weight
2568	5-25kV, #8-4/0 AWG	1/case B	12 lbs 5 kg

MINE TERMINAL WRAP

Cat.	Ranges	Packaging	Weight
9012	2-25kV/.55"-.95" dia. 14,1-24,1mm dia.	20/case B	8 lbs 4 kg

Mining Products Cable Repair Tape

Plymouth



NEOPRENE VULCANIZABLE JACKETING COMPOUND

A vulcanizable neoprene compound that flows easily within the range of mold temperatures from 260°F - 330°F (127°C - 166°C). Bonds readily to all types of neoprene jacket compounds. Chemically bonds to the original jacket without the need of a bonding agent. Provides a water-proof covering with outstanding resistance to oil and abrasion. Quick-cure system greatly reduces mold time. Title 30-CFR 18.64 P-153-MSHA Acceptance.

HYPALON VULCANIZABLE JACKETING COMPOUND

A vulcanizable hypalon compound that flows easily within the range of mold temperatures from 260°F - 330°F (127°C - 166°C). Bonds readily to neoprene, hypalon, PVC and NBR-PVC jackets. Chemically bonds to the original jacket without the need of a bonding agent. Provides a water-proof covering with outstanding resistance to ozone, oil, and abrasion. Quick-cure system greatly reduces mold time. Title 30-CFR 18.64 P-153-MSHA Acceptance.

NYLON REINFORCED NEOPRENE JACKETING COMPOUND

A laminate of vulcanizable neoprene and an open weave of high strength, fire-resistant nylon used to restore the spliced area of the cable to its original strength. Title 30-CFR 18.64 P-153-MSHA Acceptance.

VULCANIZABLE INSULATING COMPOUND

A rubber compound used for restoring cable insulation. It is compatible with all solid dielectric insulations. It chemically bonds without the need of a bonding agent. Insulating value for use on cables rated through 15kV. Consult the factory for higher voltages.

VULCANIZABLE BARRIER COMPOUND

An EP rubber barrier compound which is needed to retain the symmetry of the joints during the vulcanizing process. Compatible with all insulating compounds and chemically bonds without the need of a bonding agent. Insulating value for use on cables rated through 15kV. Consult the factory for higher voltages.

NEOPRENE VULCANIZABLE JACKETING COMPOUND

Cat.	Color	Dimensions	Packaging	Weight
2153	black	2" x .080" x 10'	40/case C	44 lbs 20 kg
2193	black	1 1/2" x .030" x 30'	40/case C	56 lbs 25 kg

HYPALON VULCANIZABLE JACKETING COMPOUND

Cat.	Color	Dimensions	Packaging	Weight
2048	orange	1 1/2" x .030" x 30'	40/case C	41 lbs 19 kg
2049	black	1 1/2" x .030" x 30'	40/case C	41 lbs 19 kg
2050	yellow	1 1/2" x .030" x 30'	40/case C	41 lbs 19 kg

NYLON REINFORCED NEOPRENE JACKETING COMPOUND

Cat.	Dimensions	Packaging	Weight
2246	1" x .030" x 30'	80/case C	53 lbs 24 kg

VULCANIZABLE INSULATING COMPOUND

Cat.	Color	Dimensions	Packaging	Weight
2166	orange	1" x .030" x 30'	80/case C	49 lbs 22 kg

VULCANIZABLE BARRIER COMPOUND

Cat.	Dimensions	Packaging	Weight
8066	1" x .030" x 30'	80/case B	54 lbs 25 kg

Mining Products Special Items

Plymouth



15 PLYBRAID Tinned Copper Shielding

A tinned copper mesh-knit shielding with an exceptional conformability for replacing metallic shield in shielded cable repair. Two-inch width allows for quicker application and a larger overlap for increased safety in flexible cables.

PLYPREP™ Cable Preparation Kit

Plyprep is an effective and environmentally friendly cleaning kit for the proper preparation of both high and low voltage cables prior to splicing or terminating. Very effective for removing grease, oil, tar, and other contaminants from cables. Kits have everything necessary to prepare cables for a splice or termination. Each kit contains three sets of sealed wipes and one 120-grit, non-conducting, abrasive cloth.

17 PLYSHIELD® EPR Shielding Tape

A 30 mil (0,76mm) EPR self-amalgamating, conducting tape for shielding high voltage splices and terminations. Use for rebuilding strand shield and insulation shields on high voltage splices and for shielding all types of connections. ASTM-D-4388.

NEW A.P. Molding Tape

A.P. molding tape is a universal molding compound used for the repair of cable jacket. This advanced and unique vulcanizable material will flow and bond to Neoprene, Hypalon, CPE, TPU and PVC jacketed cables. Our new All Purpose molding compound provides an abrasive and moisture sealed repair for damaged cables. The hardness of the final repair is similar to the cable jacket and designed to withstand the tough mine environments. The A.P. molding compound cures rapidly at the vulcanizing temperature. Molding temperatures and times will vary with the size of the cable. Vulcanizing temperatures are between 270 °F and 320 °F (132 °C - 160 °C). The unvulcanized compound has outstanding shelf life when compared to any vulcanizing compound. Available in Orange, Black and Yellow.

15 PLYBRAID Tinned Copper Shielding

Cat.	Dimensions	Packaging	Weight
2230	2" x 10' 50 mm x 3 m	40 rolls/case	8 lbs 4 kg

PLYPREP™ Cable Preparation Kit

Cat.	Packaging	Weight
2684	1 kit/bag, 10kits/case	3 lbs 2 kg

17 PLYSHIELD® EPR Shielding Tape

Cat.	Dimensions	Packaging	Weight
2104	3/4" x .030" x 15' 19mm x 0,76mm x 4,6m	50/case B	13 lbs 6 kg

A.P. Molding Tape

Cat.	Color	Dimensions	Packaging	Weight
2045	black	1 1/2" x .030" x 30' 38mm x 0,76mm x 9,1m	40/case C	34 lbs 18 kg
2046	orange	1 1/2" x .030" x 30' 38mm x 0,76mm x 9,1m	40/case C	34 lbs 18 kg

ESD-Plystat II

Static Dissipative Rubber Sheetting

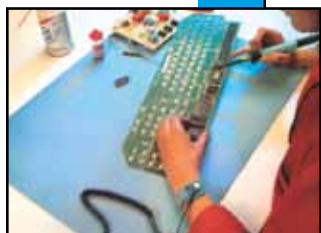


- **RoHS Compliant**
- **Meets IEC 61340-5-1 Specification**
- **Durable**
- **Consistent Electrical Properties**
- **Head & Solder Resistant**
- **Chemical Resistant**
- **Easy to Clean**
- **Will not Delaminate**
- **Lead Free**

Plymouth

ESD-Plystat II Static Dissipative Rubber Sheeting

Plymouth



Everyone is familiar with static electricity in some form or another, whether it is through clothes that cling, hair that misbehaves or an unpleasant shock when you walk across a carpeted room and touch a door handle. Electrostatic discharge (ESD) is the spark you feel when you touch that doorknob.

Our bodies are conductors of electricity. When working in sensitive environments such as electronic manufacturing, pharmaceutical, gunpowder, electronic repair at home or in the office, etc., this electricity needs to be dissipated properly so that it does not damage the parts being worked-on and to avoid unstable conditions.

Plymouth's Plystat II static dissipative rubber sheeting drains static charges in a steady, controlled manner so as not to injure parts, processes or the immediate environment. The Plystat II is the proven industry leader in quality; we use only the best ingredients in the manufacture of our product and we have over 15 years of successful use in the field. Plystat II is lead free, RoHS compliant, meets the EOS/ESD -S4 spec and the European spec EN 61340-5-1. Plystat II static dissipative rubber sheeting is used as a table or floor mat in conjunction with other static control devices at workstations or wherever static sensitive components are handled.

In addition to the Plystat II, Plymouth also manufactures an insulative / conductive shoe grounder rubber sheeting for heel or sole protection for moving personnel. If you are concerned with static control, Plymouth has the answer with the Plystat line of rubber sheeting products. Quality, consistency and endurance from Plymouth Rubber.

PLYSTAT II

Cat.	Color	Dimensions	Packaging	Sq Ft	lbs
2328	Blue/Blk	24" x 0,060" x 50'	1 roll	100	41
2331	Blue/Blk	30" x 0,060" x 50'	1 roll	125	51
2334	Blue/Blk	36" x 0,060" x 50'	1 roll	150	62
2337	Blue/Blk	48" x 0,060" x 50'	1 roll	200	82
2327	Grey/Blk	24" x 0,060" x 50'	1 roll	100	41
2330	Grey/Blk	30" x 0,060" x 50'	1 roll	125	51
2333	Grey/Blk	36" x 0,060" x 50'	1 roll	150	62
2336	Grey/Blk	48" x 0,060" x 50'	1 roll	200	82
2304	Green/Blk	24" x 0,060" x 50'	1 roll	100	41
2305	Green/Blk	30" x 0,060" x 50'	1 roll	125	51
2306	Green/Blk	36" x 0,060" x 50'	1 roll	150	62
2307	Green/Blk	48" x 0,060" x 50'	1 roll	200	82

Vinyl Plastic Electrical Tapes

Property	Prem. 111	Prem. 85	Prem. 37	HD2	Plywrap 11	Pytuff	Unit	Reference
	Value	Value	Value	Value	Value	Value		
PHYSICAL								
Thickness	0.007 0,178	0.0085 0,216	0.007 0,178	0.010 0,254	0.010 0,254	0.007 0,178	inch mm	ASTM-D-1000
Tensile Strength	18 8,2	20 9,0	18 8,2	26 11,8	23 10,5	17 7,7	lb/in kg/25mm	ASTM-D-1000
Elongation	240	200	200	200	200	150	%	ASTM-D-1000
Adhesion to Steel	20 0,21	20 0,21	20 0,21	18 0,19	22 0,23	22 0,23	oz/in Kn/m	ASTM-D-1000
Adhesion to Backing	20 0,21	20 0,21	20 0,21	18 0,19	18 0,19	22 0,23	oz/in Kn/m	ASTM-D-1000
Adhesion to Backing @ -7°C	50 0,54	50 0,54	50 0,54	NA NA	NA NA	NA NA	oz/in Kn/m	ASTM-D-1000
Unwind @ -7°C	100 11,0	113 12,4	100 11,0	NA NA	NA NA	NA NA	oz/in N/cm	ASTM-D-1000
Flammability	4 max	4 max	4 max	4 max	4 max	4 max	second	ASTM-D-1000
Flame Resistance	NA	NA	NA	NA	NA	Pass	-	30-CFR 18.64
Flagging	0.10 max 2,50	0.10 max 2,50	0.10 max 2,50	0.10 max 2,50	NA	0.10 max. 2,50	inch mm	ASTM-D-1000
Temperature Rating								
Maximum	80	80	80	80	NA	NA	°C	UL-510
Minimum	-10	-10	-10	-10	NA	NA	°C	UL-510
ELECTRICAL								
Dielectric Strength								
Standard	10,000 56,1	11,000 50,9	7,000 39,3	10,000 39,3	10,000 39,3	10,000 39,3	volts kV/mm	ASTM-D-1000
Wet	9,000 50,5	10,000 46,3	6,300 35,3	9,000 35,4	NA NA	5,400 35,3	volts kV/mm	ASTM-D-1000

Cloth and Specialty Tapes

Property	100 Friction	Plyduct 48	61 VDG	61A VDG	77 Plyglas	44 Neoprene	20 Physil	Unit	Reference
	Value	Value	Value	Value	Value	Value	Value		
PHYSICAL									
Thickness	0.015 0,381	0.010 0,254	0.007 0,18	0.008 0,20	0.007 0,178	0.030 0,762	0.020 (peak) 0,508	inch mm	ASTM-D-1000
Tensile Strength	40 18,2	24 11,0	38 17,3	38 17,3	170 77,3	450 (psi) 3,1 (MPA)	10 4,5	lb/in kg/25mm	ASTM-D-1000
Elongation	NA	20	30	30	5	450	400	%	ASTM-D-1000
Adhesion to Steel	NA NA	36 0,40	NA NA	32 0,36	50 0,56	NA NA	NA NA	oz/in Kn/m	ASTM-D-1000
Adhesion									
Standard	12 300	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA	in/min mm/min	ASTM-D-69
Oven Test	12 300	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA	in/min mm/min	ASTM-D-69
ELECTRICAL									
Dielectric Strength	1,200	NA	10,000	12,000	2,500	450 (V/mil)	600 (V/mil)	volts	ASTM-D-1000

Cable Repair Tapes

Property	Neoprene Compound	Hypalon Compound	Reinforced Neoprene	Insulating Compound	Barrier Compound	A.P. Moldin Compound	Unit	Reference
	Value	Value	Value	Value	Value	Value		
PHYSICAL								
Thickness	0.030, 0.080 0,762, 2,3	0.030 0,762	0.030 0,762	0.030 0,762	0.030 0,762	0.030 1,5	inch mm	ASTM-D-1373
Tensile Strength	1700 11,7	2000 13,8	2400 16,5	1,000 6,9	1,200 8,3	200	psi MPA	ASTM-D-412
Elongation	500	500	40	400	300	400	%	ASTM-D-412
Tear Resistance	220 38,7	150 26,0	NA NA	NA NA	NA NA		lbs/in Kn/m	ASTM-D-624
Hardness	70	65	NA	NA	NA	55 to 65	Duro	ASTM-D-2240
Abrasion Resistance	68	65	NA	NA	NA		Index	NBS
ELECTRICAL								
Dielectric Strength	450 17,5	500 19,5	NA NA	700 27,5	700 27,5	450	V/mil kV/mm	ASTM-D-149
Flammability	Pass	Pass	NA	NA	NA	NA	-	30 CFR 18.64

Specifications

Plymouth

High Voltage Rubber Tapes

Property	L969 Plyvolt	W963 Plysafe	3 Biseal 20	3 Biseal 30	W962 EPR	17 Plyshield	Unit	Reference
	Value	Value	Value	Value	Value	Value		
PHYSICAL								
Thickness	0.030	0.030	0.020	0.030	0.020	0.030	inch	ASTM-D-4325
	0.762	0.762	0.508	0.762	0.508	0.762	mm	ASTM-D-4325
Tensile Strength	400	350	450	450	450	225	psi	ASTM-D-4325
	2,76	2.41	3,10	3,10	3,10	1,5	MPA	
Elongation	760	750	860	860	920	500	%	ASTM-D-4325
Fusion	5/64 max	5/64 max	5/64 max	5/64 max	5/64 max	5/64 max	inch	ASTM-D-4325
	2.0	2.0	2.0	2.0	2.0	2.0	mm	
Heat Resistance	130	130	130	130	130	NA	°C	ASTM-D-4325
Operating Temperature								
Continuous	90	90	90	90	90	90	°C	ASTM-D-4388
Emergency Overload	130	130	130	130	130	130	°C	ASTM-D-4388
ELECTRICAL								
Dielectric Strength	780	750	900	900	950	NA	V/mil	ASTM-D-4325
	30,0	29,0	35,0	35,0	37,0		kV/mm	
Dielectric Constant								
24h @ 23°C	2,7	2,7	2,7	2,7	2,6	NA	-	ASTM-D-4325
168h @ 70°C	2,9	2,9	2,9	2,9	2,7	NA	-	ASTM-D-4325
Dissipation Factor								
24h @ 23°C	0.005	0.005	0.003	0.003	0.001	NA	-	ASTM-D-4325
168h @ 70°C	0.015	0.015	0.008	0.008	0.005	NA	-	ASTM-D-4325
Volume Resistivity								
96h @ 23°C, 50% RH	10 ¹⁶	10 ¹⁶	10 ¹⁶	10 ¹⁶	10 ¹⁶	870	ohm-cm	ASTM-D-4325
96h @ 23°C, 96% RH	10 ¹⁵	10 ¹⁵	10 ¹⁵	10 ¹⁵	10 ¹⁵	NA	ohm-cm	ASTM-D-4325
168h @ 90°C	NA	NA	NA	NA	NA	1 x 10 ⁴	ohm-cm	ASTM-D-4325
CHEMICAL								
Ozone Resistance	Pass	Pass	Pass	Pass	Pass	NA	visual	ASTM-D-4325
UV Resistance	Pass	Pass	Pass	Pass	Pass	Pass	visual	ASTM-D-4325

Insulating Mastics and Low Voltage Rubber Tapes

Property	10 Plyseal	4000 Plyseal	5000 Bus-Seal	RM Tape	VM Tape	122 Rubber	150 Rubber	125 Filler	Unit	Reference
	Value	Value	Value	Value	Value	Value	Value	Value		
PHYSICAL										
Thickness	0.125	0.133	0.155	0.065	0.025	0.030	0.030	0.125	inch	ASTM-D-4325
	3,17	3,28	3,94	1,65	0,635	0,762	0,762	3,170	mm	
Tensile Strength	NA	NA	NA	NA	NA	250	250	NA	psi	ASTM-D-4325
	NA	NA	NA	NA	NA	1,72	1,72	1,38		
Elongation	NA	NA	NA	NA	NA	300	300	1000	%	ASTM-D-4325
Fusion	5/64 max	5/64 max	5/64 max	5/64 max	5/64 max	5/64 max	5/64 max	5/64 max	inch	ASTM-D-4325
	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	mm	
Heat Resistance	130°C	130°C	130°C	130°C	130°C	95°C	95°C	95°C	visual	ASTM-D-4325
Operating Temperature										
Continuous	90	90	90	90	90	80	80	80	°C	ASTM-D-4388
Emergency Overload	130	130	130	130	130	95	95	95	°C	ASTM-D-4388
ELECTRICAL										
Dielectric Strength	500	500	500	600	500	350	350	585	V/mil	ASTM-D-4325
	19,5	19,5	19,5	26	19,5	13,7	13,7	23,0	kV/mm	

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, and shall assume all risk and liability in connection therewith. For more information, see Plymouth's Limited Warranty.

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Plymouth Tape Product Comparison

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	Premium 85CW	4240	2	Super 88
	Premium 37 Colors	3702-3711	2	35
	HD2	3873	2	22
	PlyWrap® 11 Vinyl Pipewrap	4611	2, 14	50
	Plycom T818	4318	14	88T
	Plytuff Printed Mining	3880	19	1700P
FRICTION AND LOW VOLTAGE RUBBER TAPES	100 ASTM Friction	1002	4, 16	1755
	170 Brown Friction	1008	4	—
	122 Rubber Tape	2002	5	2155
	150 ASTM Rubber	2006	5, 15	—
	Plyfill	2644	5	Scotchfill
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	4000 Plyseal®-V (Rolls & Pads)	2620-2622	6, 17	2200-2210
	5000 Bus Seal	8371	6	—
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	VM Tape	2617, 2618, 2609	6	2210
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	W962 EPR	8080	8	—
	3 Bi-Seal®	8051-8054	8	—
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	77 Plyglas®	3456	10, 16	27
	44 Neoprene	8261	10	—
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