

Plymouth

ELECTRICAL TAPES



**MINING
PRODUCTS**
MANUFACTURERS
SINCE 1896



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WORLDWIDE COMPANY



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PLYTUFF® - 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 Vconditions 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.

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.



PLYTUFF® - 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 ,018mm 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	16 lbs 7 kg
\$ 2564	2" x .075" x 8.5' 51mm x 1,3mm x 2,6m	20/case C	16 lbs 6 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 C	30 lbs 11 kg
\$ 2502	2 in x 9.5 ft. 51mm x 2,90 m	30 / Case C	30 lbs 14 kg

\$ STOCK ITEM

LOOKING FOR SOMETHING ELSE?

We are MANUFACTURERS

This list is reflective of stocked items, other sizes and packaging are available. Contact our customer service office or your representative agent to attend to your needs.

L969 Linerless EPR Insulating Tape

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.

3 BI-SEAL High Voltage Insulating Tape

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 splices on power cable from 600V through 69kV and for building stress cones and jacketing of terminations on power cable from 600V through 35kV.



L969 Fire Resistant Insulating Tape (Linerless Rubber)

Cat.	Dimensions	Packaging	Weight
S 2221	1 1/2" x .030" x 30'	50/case C	31 lbs 14 kg

RUBBER MASTIC (RM) Tapes

Cat.	Form	Dimensions	Packaging	Weight
S 2625	roll	2" x .065" x 10'	30/case B	30 lbs 14 kg
S 2619	roll	1 1/2" x .065" x 10'	30/case IB	19 lbs 9 kg

3 BI-SEAL High Voltage Insulating Tape

Cat.	Dimensions	Packaging	Weight
S 8051	3/4" x .020"x30'	100/case C	30 lbs 14 kg
S 8066	1" x .030"x30'	80/case C	43 lbs 20 kg

S STOCK ITEM

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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.



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	41 lbs 19 kg

HYPALON VULCANIZABLE JACKETING COMPOUND

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

S STOCK ITEM

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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.

**SINCE 1896
WORLD'S
MINING
TAPES**



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

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

\$ STOCK ITEM

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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.



**MINING
SPLICE
KITS**
HIGH VOLTAGE
& TERMINATION

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

\$ STOCK ITEM

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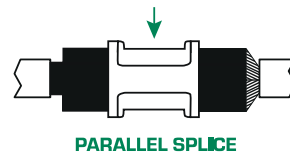
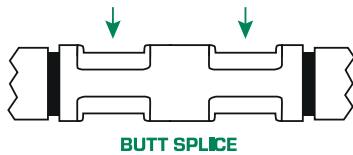
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CONNECTOR KITS FOR MINING



As a novelty to our product portfolio, we introduce a selection of connectors made of electrolytic copper with a tinned surface finish to improve electrical contact in the splices of mining cables. Thanks to their design, these connectors allow superior flexibility in trailing cable splices, increasing their durability and resistance when combined with Plymouth mining splice kits.

The kit contains the necessary connectors for the type of cable specified in the table below, using butt or parallel connectors in each case, optimizing this way the necessary time to make a perfect mining cable splice.



CONNECTOR KITS FOR MINING			
Cat.	Cable nomenclature	Packaging	Weight
S 2830	#2-4/C ROUND OR FLAT	1kit/bag, 50 kits/case	3.7 lbs 1.7 kg
S 2831	#2-3/C G-GC ROUND	1kit/bag, 50 kits/case	3.8 lbs 1.8 kg
S 2832	#2/O-3C G-GC ROUND	1kit/bag, 20 kits/case	6.7 lbs 3 kg
S 2833	#4 4/C ROUND OR FLAT	Contact us for further information	

S STOCK ITEM

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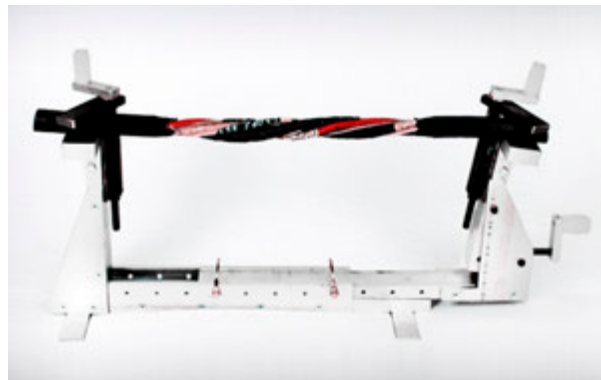
**17 PLYSHIELD®
EPR Shielding Tape**

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.

SPLICE VICE

Increase production while reducing violations.

- Accommodates cable sizes from 1/4" to 3 1/2" (OD)
- Cable remains in set position when cutting and tapering resulting in decreased injuries
- One person operation
- Precision cable tension for more accurate connections
- Creates more compact installation
- Made of quality aluminum for greater strength and decreased weight
- Steel adjustments for durability and longevity
- All brass bushings



17 PLYSHIELD® EPR Shielding Tape

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

NEW
SPLICE VICE
ASK OUR CUSTOMER SERVICE OFFICES

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**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.



15 PLYBRAID Tinned Copper Shielding

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

PLYPREP™ Cable Preparation Kit

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

S STOCK ITEM

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GO TO OUR OFFICIAL YOUTUBE CHANNEL

Mining Splice Kit Shielded cable demo



Mining Splice Vulcanizing Jacketing compound



**SEE OUR
PRODUCTS
IN ACTION**

Plymouth

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