






## Cable Repair Tapes, Materials & Supplies

### Tapes & General Materials for Vulcanized Cable Repairs

Mine Cable Services supplies all necessary cable repair materials for vulcanized cable repair, including specially formulated EPR high voltage insulation tape, jacket tapes, a variety of semi-conducting, reinforcing, and separator tapes. Also available are cable cleaning materials, soldering materials and equipment, and bonding materials. Materials can be supplied as individual items, bulk cases, or prepacked cable repair kits.

#### Product and Ordering Information:

	Catalogue Number:	Product Description:	Application:
	<p><b>H60/** Hypalon Jacket Repair Tape</b></p>	<p>2" wide x 0.060" thick x 22' length. Available in black, orange, yellow, red, or green</p>	<p>Used to replace jacket material in multi-conductor flexible cable. *NOT RECOMMEND IN SUBZERO (BELOW - 25°C ENVIRONMENTS)</p>
	<p><b>N60 Neoprene Jacket Repair Tape</b></p>	<p>2" wide x 0.060" thick x 22' length. Available in black only.</p>	<p>Used to replace jacket material in multi-conductor flexible cable. Recommended for cold temperature.</p>
	<p><b>H30/50-Red Jacket Repair Tape</b></p>	<p>1.5" wide x 0.030" thick x 50' length. Available in red only.</p>	<p>Used to replace jacket material in multi-conductor flexible REELING cable.</p>





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	<p><b>TPU25/* TPU Jacket Repair Tape</b></p>	<p>1-1/2" wide x 0.040" thick x 25' length. Available in black, red, orange, yellow, blue.</p>	<p>Used to repair jacket material in larger diameter multi-conductor flexible cable. Used only with a vulcanizing oven.</p>
	<p><b>TPU50.20/* TPU Jacket Repair Tape</b></p>	<p>1-1/2" wide x 0.020" thick x 50' length. Available in black, red, orange, yellow, and clear.</p>	<p>Used to repair jacket material in larger diameter multi-conductor flexible cable. Used only with a vulcanizing oven.</p>
	<p><b>EP30, High Voltage Insulation Tape</b></p>	<p>1" wide x 0.030" thick x 25' length. Available in grey only</p>	<p>Used to insulate and rebuild insulation material in the cable.</p>
	<p><b>R30, Rubber Reinforcing Tape</b></p>	<p>1" wide x 0.040" thick x 25' length. Available in black only.</p>	<p>Used as an integral part of cable jacket to provide reinforcement.</p>





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	<b>RS20, Red Separator Tape</b>	1-1/2" wide x 20' length, red.	Used to separate the cable jacket from the interior of the cable.
	<b>SCR40, Rubber Semi-Conductive Tape</b>	1" wide x 0.030" thick x 40' length. Available in black only.	Used as a semi-conductive layer to fill any air voids between the conductive material and semi-conductive material (over phase wires and compression fittings).
	<b>SC20, Nylon Semi-Conductive tape</b>	1/2" wide x 20' length, black.	Used to rebuild the semi-conductive layers in the cable. Narrow rolls are used where the profile is non-linear or on small conductors.
	<b>SC20-100 Nylon Semi-Conductive tape</b>	1" wide x 20' length, black.	Used to rebuild the semi-conductive layers in the cable. Wider rolls are used where the profile is linear or on large conductors.

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	<b>SC20-200 Nylon Semi-Conductive tape</b>	1" wide x 20' length, black.	Used to rebuild the semi-conductive layers in the cable. Wider rolls are used where the profile is linear or on large conductors.
	<b>TC25, Tinned Copper Braid</b>	1" wide x 25' length.	Used as an overall phase ground shield for insulated conductors. Applied over outer semi-conductive layer.
	<b>TC100, Tinned Copper Braid</b>	1" wide x 100' length.	Used as an overall phase ground shield for insulated conductors. Applied over outer semi-conductive layer.
	<b>FG180, Fiberglass Tape</b>	¾" wide x 100' length	Heat resistant tape for permanent hold inside of cable repair.

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 A roll of white tape with a single dark stripe, shown partially unrolled.	<b>PER30-88, Perlon Tape</b>	1-1/8" wide (approx.) x 88 feet long. White with stripe.	Sacrificial Tape for Cable Vulcanizing Oven. Inner most layer of sacrificial tapes. (Use with small cables)
 A roll of white tape with two dark stripes, shown partially unrolled.	<b>PER50-88, Perlon Tape</b>	2" wide (approx.) x 88 feet long. White with two stripes.	Sacrificial Tape for Cable Vulcanizing Oven. Inner most layer of sacrificial tape. (Use with larger cables)
 A roll of clear, translucent film, shown partially unrolled.	<b>CPF-100, Cuprophane Foil</b>	1-1/8" wide (approx.), clear film.	Sacrificial Tape for Cable Vulcanizing Oven. Alternating layer of sacrificial tape. (Use with small cables)
 A roll of clear, translucent film, shown partially unrolled.	<b>CPF-238, Cuprophane Foil</b>	2-3/8" wide, clear film.	Sacrificial Tape for Cable Vulcanizing Oven. Alternating layer of sacrificial tape. (Use with larger cables)



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	<p><b>VCTN-100, Vulcanizing Cotton Tape</b></p>	<p>1-1/8" wide (approx.) x 80 feet long (approx.), white.</p>	<p>Sacrificial Tape for Cable Vulcanizing Oven. Alternating layer of sacrificial tape. (Use with small cables)</p>
	<p><b>VCTN-238 Vulcanizing Cotton Tape</b></p>	<p>2-3/8" wide x 72 feet long (approx.), white.</p>	<p>Sacrificial Tape for Cable Vulcanizing Oven. Alternating layer of sacrificial tape. (Use with large cables)</p>
	<p><b>BC001 Bonding Cement</b></p>	<p>1/2 pint can, 8 oz.</p>	<p>Used to promote bonding between the original cable jacket and the newly applied Neoprene/Hypalon jacket tape. <b>*Dangerous Goods Regulated for Transport*</b></p>

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**BC002**  
**Water based bonding**  
**cement**

½ pint can, 8 oz.

Used to promote bonding between the original cable jacket and the newly applied Neoprene/Hypalon jacket tape.  
**\*NOT regulated as dangerous goods\*\*SPECIAL INSTRUCTIONS**



**MR002-P**  
**Mold Release**  
**(International)**

Water Based  
8 oz (1/2 pint), non-aerosol  
spray bottle

Apply to vulcanizing molds to assist in cable release after vulcanizing cycle.  
**(\*NOT Regulated DG.)**



**MR004-MK8**  
**Mold Release**  
**(North America)**

Silicone Base  
8 oz (1/2 pint) non-aerosol  
spray bottle

Apply to vulcanizing molds to assist in cable release after vulcanizing cycle.  
**(\*Regulated DG.)**

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**CEC-01  
Citrex Electrical Cleaner  
(North America)**

1 liter spray bottle w/trigger  
(32 oz)

Used to clean outer cable, conductor insulation and remove any residual semi-conductive material.  
**(\*Regulated DG.)**



**MCS-HP-35LF Electrical  
Cleaner  
(International)**

1 liter bottle (32 oz)

Used to clean outer cable, conductor insulation and remove any residual semi-conductive material.  
**(\*NOT Regulated DG.)**



**CPK-01/3P  
Cable Preparations Kit**

6 Citrus based solvent wipes,  
6 drying clothes and 3 each  
12" sandpaper strips

Used to prepare the conductors before adding uncured insulation material (sand, clean, and dry conductor insulation and remove any residual semi-conductive material).



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**MCS-PWHP-1**

1 Citrus based solvent wipe  
(Large)

Used to prepare the conductors before adding uncured insulation material. Clean, and dry conductor insulation and remove any residual semi-conductive materials.



**MCS-PWHP-2, Citrus based solvent wipes, tandem pack**

1 Citrus based solvent wipe,  
1 drying clothes

Used to prepare the conductors before adding uncured insulation material. Clean, and dry conductor insulation and remove any residual semi-conductive materials.



**CJC-01/B, Cable Jacket Cleaner, Bitumen Specific**

1 liter spray bottle w/trigger  
(32 oz)

Used to cable jackets coated with bitumen

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**EFSS-01\* Silver Solder**

Sold in 0.5 kg units  
(1.1 pound)

Used for soldering of electrical conductor wires during cable repair.



**EFSP-01\*  
Silver Solder Paste**

7oz plastic bottle (207 ml),  
Brazing flux paste

Used with silver solder above when repairing electrical conductor wires during repair.



**SBF-113, Silver Solder  
Paste**

4 ounce jar, 113 grams

Used with silver solder above when repairing electrical conductor wires during repair.

**WATER BASED  
\*SPECIAL INSTRUCTIONS**

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	<p><b>EFSP-50, Solder Paste Tin/Lead</b></p>	<p>48 gram (0.1 lb) container</p>	<p>For use with 50/50 tin-lead solder when installing solder style coupler connections</p>
	<p><b>EFSS-50, Tin/Lead Solder</b></p>	<p>454 gram (1 pound) individual spool</p>	<p>For use with 50/50 tin-lead solder paste when installing solder style coupler connections</p>
	<p><b>LCT-770 Loctite Primer</b></p>	<p>1.75 oz (52 ml) glass bottle with plastic nozzle</p>	<p>Used to promote adhesion with the TPU25 and TPU50 products.</p>