

The Plymouth logo consists of the word "Plymouth" in a white, bold, sans-serif font, centered within a red rectangular box with a thin white border. The background of the entire page is a silhouette of a utility worker on a tower against a sunset sky.

**Plymouth**

plymouthrubber.com

A larger version of the Plymouth logo, featuring the word "Plymouth" in white bold font inside a red box with a white border, set against a dark blue rounded rectangular background.

**Plymouth**

**ELECTRICAL TAPES**

**PRODUCTS FOR**

**UTILITY  
GRADE**

**APPLICATIONS**

## VINYL ELECTRICAL TAPES


Product	Description	Standard Size*	Code	Packaging
<b>R70</b> Low Voltage Insulation and protection with excellent adhesion	 <ul style="list-style-type: none"> <li>Use as <b>protective outer jacketing</b> in standard duty applications where <b>strong adhesion</b> and standard flexibility are preferred.</li> <li>Valid as primary insulation for splices up to 600V.</li> <li>Ambient temperature range: 14°F to 221°F.</li> <li>Flame retardant. Resistance against abrasion, water, oil, acids and corrosive chemicals.</li> <li>Thickness: <b>7.0 mil</b> (0.18mm) for standard duty applications.</li> </ul>	3/4" x 66'	4530	100/case (cello)
		1" x 66'	4532	80/case (cello)
		1 1/2" x 66'	4534	50/case (cello)
<b>R85</b> Heavy Duty insulation and protection with excellent adhesion	 <ul style="list-style-type: none"> <li>Use as <b>protective outer jacketing in heavy duty</b> applications where <b>strong adhesion</b> and standard flexibility are preferred.</li> <li>Valid as primary insulation for splices up to 600V.</li> <li>Ambient temperature range: 14°F to 221°F.</li> <li>Flame retardant. Resistance against abrasion, water, oil, acids and corrosive chemicals.</li> <li>Thickness: <b>8.5 mil</b> (0.21mm) for heavy duty applications.</li> </ul>	3/4" x 66'	4500	70/case (cello)
		1" x 66'	4502	50/case (cello)
		1 1/2" x 66'	4504	50/case (cello)
<b>R100</b> Extra Heavy Duty	 <ul style="list-style-type: none"> <li>Use as protective outer jacketing in <b>harsh environments</b> requiring exceptional resistance to abrasion, moisture, alkalis, acid, copper, corrosion and varying weather conditions.</li> <li>Valid as primary insulation for splices up to 600V.</li> <li>Ambient temperature range: 14°F to 221°F.</li> <li>Thickness: <b>10.0 mil</b> (0.25mm) for extra heavy duty applications.</li> </ul>	1" x 108'	4580	64/case (cello)
		1 1/2" x 108'	4581	40/case (cello)
		2" x 108'	4582	32/case (cello)
<b>P111</b> Premium Slipknot® Low Voltage Insulation and protection with outstanding conformability	 <ul style="list-style-type: none"> <li>Use as <b>protective outer jacketing</b> in standard duty applications where enhanced elasticity and conformability can improve application to uneven surfaces or difficult angles.</li> <li>Valid as primary insulation for splices up to 600V.</li> <li>Ambient temperature range: <b>0°F to 221°F</b>.</li> <li>Flame retardant. Resistance against abrasion, water, oil, acids and corrosive chemicals.</li> <li>Thickness: <b>7.0 mil</b> (0.18mm) for standard duty applications.</li> </ul>	3/4" x 66'	4452	100/case (cello)
		1" x 66'	4457	80/case (cello)
		1 1/2" x 66'	4458	100/case (cello)
		2" x 66'	4461	40/case (cello)
<b>P85</b> Premium Slipknot® Heavy Duty insulation and protection with outstanding conformability	 <ul style="list-style-type: none"> <li>Use as <b>protective outer jacketing in heavy duty</b> applications where enhanced elasticity and conformability can improve application to uneven surfaces or difficult angles.</li> <li>Valid as primary insulation for splices up to 600V.</li> <li>Ambient temperature range: <b>0°F to 221°F</b>.</li> <li>Flame retardant. Resistance against abrasion, water, oil, acids and corrosive chemicals.</li> <li>Thickness: <b>8.5 mil</b> (0.21mm) for heavy duty applications.</li> </ul>	3/4" x 66'	4243	100/case (cello)
		1" x 108'	4268	80/case (cello)
		1 1/2" x 108'	4273	50/case (cello)
		2" x 108'	4274	40/case (cello)

\*Vinyl tapes come on 1 1/2" core unless otherwise noted

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## VINYL ELECTRICAL TAPES

Product	Description	Standard Size*	Code	Packaging
<b>Premium 37</b> Color coding and circuit identification	 <ul style="list-style-type: none"> <li>• Use for <b>quick identification of electrical circuits</b>, containers and conduit systems.</li> <li>• Valid as primary insulation for splices up to 600V.</li> <li>• Ambient temperature range: 14°F to 221°F.</li> <li>• High resistance against fading and wear from exposure to prolonged UV/sun, abrasion, water, oil, acids and corrosive chemicals.</li> <li>• Thickness: <b>7.0 mil</b> (0.18mm) for standard duty applications.</li> </ul>	3/4" x 66' (1" core)	3702	20/case (plastic can)
			3703	
			3704	
			3705	
			3706	
			3707	
		3/4" x 66'	8756	100/case (cello)
			8754	
			8751	
			8753	
			8752	
			8758	
			8759	
			8755	
8758				

\*Vinyl tapes come on 1 1/2" core unless otherwise noted







## RUBBER AND MASTIC INSULATING PRODUCTS

Product	Description	Standard Size	Code	Packaging
<b>53 Plyarc®</b> Arc and fireproof	 <ul style="list-style-type: none"> <li>• Use as protective outer jacketing in network or multi-circuit applications where <b>protection against fire and flashover</b> are critical.</li> <li>• <b>Thermally insulating when exposed to flame.</b></li> <li>• Resistant to water, sewage, chemical and oil.</li> <li>• Thickness: 30 mil (0.76 mm), Adhesive free.</li> </ul>	1 1/2" x 20'	3817	40/case (cello)
		3" x 20'	3819	20/case (cello)
<b>10 Plyseal®</b> Moisture seal and insulating Mastic	 <ul style="list-style-type: none"> <li>• Use for <b>encapsulating and protecting</b> overhead and underground LV connections (&gt;600 V), duct, cable ends and seals.</li> <li>• High adhesion to metals and polymeric shields (jackets).</li> <li>• Void-free insulations for build up to 5kV.</li> <li>• Operating temperature: Continuous: 194°F   Overload: 266°F</li> <li>• Thickness: 125 mil (3.2mm) self - amalgamating mastic.</li> </ul>	3 3/4" x 10'	2626	10/case (box)
		3 3/4" x 3 3/4"	2627	300/case




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## RUBBER AND MASTIC INSULATING PRODUCTS

Product	Description	Standard Size	Code	Packaging
<b>L969 Plyvolt®</b> Linerless High Voltage Rubber Insulating Tape	 <ul style="list-style-type: none"> <li>Use for <b>insulating and jacketing high voltage splices</b> up to 69kV.</li> <li><b>Linerless</b> for quick application.</li> <li>Compatible with all extruded dielectric power cables.</li> <li>Operating temperature: Continuous: 194°F   Overload: 266°F</li> <li>Thickness: 30 mil (0.76 mm) self-fusing rubber tape.</li> </ul>	3/4" x 30'	2211	60/case (box)
		1" x 30'	2212	40/case (box)
		1 1/2" x 30'	2213	30/case (box)
		2" x 30'	2214	40/case (box)
<b>W963 Plysafe®</b> High Voltage Rubber Insulating Tape	 <ul style="list-style-type: none"> <li>Use for <b>insulating and jacketing high voltage splices</b> up to 69kV.</li> <li>Compatible with all extruded dielectric power cables.</li> <li>Operating temperature: Continuous: 194°F   Overload: 266°F</li> <li>Thickness: 30 mil (0.76 mm) self-fusing rubber tape.</li> </ul>	3/4" x 30'	2117	60/case (box)
		1" x 30'	2132	36/case (box)
		1 1/2" x 30'	2134	30/case (box)
		2" x 30'	2145	40/case (box)
<b>17 Plyshield®</b> EPR Semi-conducting tape	 <ul style="list-style-type: none"> <li>Use to <b>rebuild strand and insulation shield</b> on high voltage splices and connectors.</li> <li>Compatible with all extruded dielectric power cables.</li> <li>Standard elasticity for high ambient temperatures, up to 266°F.</li> <li>Thickness: 30 mil (0.76 mm)</li> </ul>	3/4" x 15'	2104	50/case (box)
<b>125</b> Filler Tape	 <ul style="list-style-type: none"> <li>Use for <b>padding and sealing</b> bus-bar edges and connections or other application requiring void-free primary insulation up to 5kV prior to application of jacketing tape.</li> <li>Quick <b>insulation build-up</b>.</li> <li>Operating temperature: Continuous: 194°F   Overload: 266°F</li> <li>Thickness: 125 mil (3.17 mm)</li> </ul>	1 1/2" x 5'	2074	30/case (box)
<b>VM</b> Vinyl Mastic	 <ul style="list-style-type: none"> <li>Use for <b>exterior protection and water sealing</b> of connections, cables and conduits in overhead or underground applications.</li> <li>Self-fusing mastic insulation layer on all weather vinyl backing for <b>UV protection</b>.</li> <li>Operating temperature: Continuous: 194°F   Overload: 266°F</li> <li>Thickness: 50 mil (1.3 mm)</li> </ul>	4" x 10'	2609	10/case (bag)
<b>RM</b> Rubber Mastic	 <ul style="list-style-type: none"> <li>Use for <b>moisture and chemical seal</b> on solid dielectric cable splices and terminations, up to 35 kV.</li> <li>Self-fusing mastic insulation layer on <b>EPR backing</b>.</li> <li>Operating temperature: Continuous: 194°F   Overload: 266°F</li> <li>Thickness: 65 mil (1.65 mm)</li> </ul>	1 1/2" x 20'	2619	30/case (bag)
		2" x 10'	2625	30/case (box)






## SPECIAL PURPOSE & SPLICE KITS

Product	Description	Standard Size	Code	Packaging
<b>77 Plyglas®</b> Glass cloth tape	 <ul style="list-style-type: none"> <li>Use to secure 53 Plyarc® tape, <b>insulate and protect high temperature connections</b> from damage to tape (bolts, terminals, etc.)</li> <li>Thermosetting adhesive to protect and hold high temperature connections <b>up to 266 °F</b></li> <li>High tensile strength for splice reinforcement.</li> <li>Thickness: 7 mil (0,18 mm).</li> </ul>	3/4" x 66'	3456	40/case (cardboard box)
<b>20 Physil®</b> Silicone rubber tape	 <ul style="list-style-type: none"> <li>Use for insulation of HV terminations (up to 69kV) on <b>silicone insulated applications</b></li> <li>Higher centerline for precise overlapping.</li> <li>Halogen-free, oil resistant cross-linked silicone rubber.</li> <li>Tapered edge tape: 20 mil thick (center)</li> </ul>	1" x 30'	3455	40/case (cardboard box)
<b>100 ASTM</b> Friction tape	 <ul style="list-style-type: none"> <li>Use to <b>temporarily apply friction binding</b> for cable pulling, harnessing, non-slip surface covering, etc.</li> <li><b>General purpose abrasion resistance</b> for all types of surfaces.</li> <li>Thickness: 15 mil (0,38 mm).</li> </ul>	3/4" x 60'	1002	100/case C
		2" x 60'	1039	40/case C

### PLYWRAP®

#### Cable Splice Kits

Full kits for construction of low, medium and high voltage splices in single or multi-conductor utility cables and installations.

-  For singular or multiple core cables
-  IP68 Waterproof Splice
-  Cold application
-  Quick and easy installation
-  UV Resistant

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# PLYMOUTH RUBBER GROUP

**USA COMMERCIAL OFFICE**

960 TURNPIKE STREET, SUITE 2A  
CANTON. MASSACHUSETTS 02021

+1-800-458-0336

[info-usa@plymouthrubber.com](mailto:info-usa@plymouthrubber.com)

