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# 3M™ Electrical Tape, Mastics & Special Use Tapes

Plastic vinyl emerged on the mass market in the early 1940s. The flexible, highly versatile material greatly improved a variety of products, ranging from shower curtains and raincoats to wire and cable insulation.

However, a pressure-sensitive plastic vinyl tape remained elusive. The substance TCP (tricresyl phosphate) used as a plasticizer in vinyl film stymied early efforts to create a tape. The TCP would migrate into the adhesive and degrade it.



After much work, 3M discovered a solution. In 1946, three 3M researchers—Esther Eastwold with R. Snell and R. Oace—invented a plasticizer system that would remain stable and not ruin the adhesive. That same year, 3M released the first known successful pressure-sensitive vinyl electrical tape, then named Scotch No. 33 Tape. Lion Manufacturing Company purchased the first roll and used it for harness wrapping.

Vinyl electrical tape marked a leap forward in electrical tape technology. Previously, electricians generally used tape made of tar-coated cotton and vulcanized rubber adhesive. The tape was prone to rotting, lacked strength and flexibility, and had to be applied over a layer of rubber tape to insulate a conductor. Moreover, the tape's rubber adhesive, vulcanized with sulfur, could cause corrosion.

3M vinyl electrical tape was stretchy, strong and did not contain corrosive sulfur. It was better than the tar-coated cloth tape because it was much easier and faster to apply and required less space.

In 1966, 3M introduced Super 33 tape. More flexible than its predecessor, it could be used at temperatures down to 10°F (-12°C) and up to 176°F (80°C).

Never satisfied, 3M researchers began working on the next generation of electrical tape to further improve performance in extreme temperatures. In 1969, 3M introduced Scotch 33+ tape, featuring the industry's first known 221°F (105°C) rating for plastic vinyl electrical tape.

Next, 3M scientists sought to upgrade the tape's handling characteristics and holding power without jeopardizing its adhesion properties. That work resulted in Scotch® Super 33+™ Professional Grade Vinyl

Electrical Tape, launched in 1985. It stretches easily at temperatures down to 0°F (-18°C) and is rated for continuous operation up to 221°F (105°C). The stretchier backing and more aggressive adhesive system ensure ease of application and provide excellent mechanical protection, sealing capability and electrical insulation integrity.



Over the past 70 years, 3M has developed long standing expertise in tape technology. Since the invention of vinyl electrical tape in 1946, the 3M Electrical Markets Division research group has never stopped experimenting and inventing so that we can provide better solutions to meet our customers' challenges.

### Potential Tape Applications

	Vinyl Tapes	Rubber Tapes	Mastic & Filler Putty Tapes	Varnish Cambric	Arc Proofing Tapes	Silicone Tapes	Glass Cloth Tapes	Mining & Jacket Repair Tapes
Protective jacketing	X				X			X
Electrical insulation	X	X	X		X	X	X	X
Moisture sealing		X	X			X		X
ID and color-coding	X							
Harness and bundling	X							
Mechanical padding		X	X			X		X
Shaping		X	X			X		
Arc proofing					X			
Connection re-entry				X		X		

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# 3M™ Vinyl Tape Performance Comparison Chart

	Thickness	Temperature Range	Adhesion to Steel (72°F)	Adhesion to Backing (72°F)	Adhesion to Steel (0°F)	Adhesion to Backing (0°F)	Elongation	Breaking Strength	Country of Manufacture	UL Listed	CSA Certified	Color	
<b>Professional Grade</b>													
Scotch® Super 33+™ Best Seller		7 mils	0°F to 221°F (-18°C to 105°C)	28 oz./in.	28 oz./in.	60 oz./in.	60 oz./in.	250%	15 lbs./in.	USA	UL 510	C22.2	Black
Scotch® Super 88		8.5 mils	0°F to 221°F (-18°C to 105°C)	25 oz./in.	25 oz./in.	60 oz./in.	60 oz./in.	250%	20 lbs./in.	USA	UL 510	C22.2	Black
Scotch® 35		7 mils	32°F to 221°F (0°C to 105°C)	20 oz./in.	20 oz./in.	N/A	N/A	225%	17 lbs./in.	USA	UL 510	C22.2	Blue, Brown, Gray, Green, Orange, Red, Violet, Yellow, White
Scotch® Tape 22		10 mils	14°F to 176°F (-10°C to 80°C)	20 oz./in.	20 oz./in.	N/A	N/A	200%	20 lbs./in.	USA	UL 510	C22.2	Black
<b>General Use</b>													
3M™ Temflex™ Tape 1700		7 mils	32°F to 176°F (0°C to 80°C)	24 oz./in.	22 oz./in.	N/A	N/A	200%	17 lbs./in.	Mexico	UL 510	C22.2	Black
3M™ Temflex™ Tape 1700P		7 mils	32°F to 176°F (0°C to 80°C)	24 oz./in.	22 oz./in.	N/A	N/A	200%	17 lbs./in.	Mexico	UL 510	C22.2	Black Printed: MSHA
3M™ Temflex™ Tape 1776		7 mils	32°F to 176°F (0°C to 80°C)	24 oz./in.	22 oz./in.	N/A	N/A	200%	17 lbs./in.	USA	UL 510	C22.2	Black
<b>Economy</b>													
3M™ Economy Tape 1400		7 mils	Up to 176°F (Up to 80°C)	16 oz./in.	16 oz./in.	N/A	N/A	150%	14 lbs./in.	Taiwan	UL 510	N/A	Black
<b>Corrosion Protection For Non Electrical Applications</b>													
3M™ Scotchrap™ Tape 50		10 mils	32°F to 176°F (0°C to 80°C)	20 oz./in.	20 oz./in.	30 oz./in. <sup>1</sup>	30 oz./in. <sup>1</sup>	200%	20 lbs./in.	USA	N/A	N/A	Black
3M™ Scotchrap™ Tape 51		20 mils	32°F to 176°F (0°C to 80°C)	20 oz./in.	20 oz./in.	30 oz./in. <sup>1</sup>	30 oz./in. <sup>1</sup>	150%	40 lbs./in.	USA	N/A	N/A	Black

Data results from tests performed at room temperature unless otherwise noted. Values listed are typical properties and should not be used for specification purposes.

<sup>1</sup>Test results at -12°C

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May 2012



# 3M™ Rubber Insulating and Splicing Tape Comparison Chart

		Liner/Linerless or Material	Thickness	Operating Temperature	Emergency Overload Temperature	Adhesion to Steel (72°F)	Adhesion to Backing (72°F)	Elongation	Breaking Strength	Country of Manufacture	Color
<b>Professional Grade</b>											
Scotch® Tape 130C		Linerless, self-fusing Ethylene Propylene Rubber (EPR)	30 mils	Up to 194°F (90°C)	Up to 266°F (130°C)	N/A	N/A	850%	7.5 lbs./in.	USA	Black
Scotch® Tape 23		EPR with Liner	30 mils	Up to 194°F (90°C)	Up to 266°F (130°C)	N/A	N/A	1,000%	8 lbs./in.	Brazil	Black
<b>General Use</b>											
3M™ Temflex™ Tape 2155		EPR with Liner	30 mils	Up to 176°F (80°C)	N/A	N/A	N/A	700%	9 lbs./in.	Brazil	Black
<b>Other Splicing and Terminating Tapes</b>											
<b>Electrical Semi-Conducting</b>											
Scotch® Electrical Semi-Conducting 13		Semi-Conducting Ethylene Propylene Rubber with Liner	30 mils	Up to 194°F (90°C)	Up to 266°F (130°C)	N/A	N/A	800%	6 lbs./in.	Brazil	Black
<b>Electrical Shielding</b>											
Scotch® Electrical Shielding 24		All-Metal, Open-Weave	16 mils	32°F to 220°F (0°C to 105°C)	N/A	N/A	N/A	70%	22 lbs./in.	Mexico	Silver
<b>Self-Fusing Silicone</b>											
Scotch® Self-Fusing Silicone Rubber Electrical Tape 70		Inorganic Silicone Rubber	12 mils	Up to 356°F (180°C)	N/A	N/A	N/A	450%	12 lbs./in.	Canada	Sky Blue Gray
Scotch® Self-Fusing Silicone Rubber Electrical Tape 70HDT		Inorganic Silicone Rubber	Center: 20 mils Edges: 8 mils	Up to 356°F (180°C)	N/A	N/A	N/A	300%	14 lbs./in.	Canada	Sky Blue Gray with Guideline
<b>Varnish Cambric</b>											
Scotch® Varnished Cambric 2510		Straight Cut Woven Cotton Cambric Fabric with Electrical Insulating Varnish	7 mils	Up to 220°F (105°C)	N/A	N/A	N/A	N/A	50 lbs./in.	Pakistan*/USA	Yellow
Scotch® Varnished Cambric 2520		Straight Cut Woven Cotton Cambric Fabric with Electrical Insulating Varnish and Coated with Adhesive	8 mils	Up to 220°F (105°C)	N/A	13 oz./in.	8 oz./in.	N/A	50 lbs./in.	Pakistan*	Yellow
<b>Grounding Braid</b>											
Scotch® Electrical Grounding Braid 25		All-Metal Woven Grounding Braid	93.75 mils	32–266°F (0–130°C)	N/A	N/A	N/A	N/A	N/A	USA	Copper
<b>Arc Protection</b>											
Scotch® Fire-Retardant and Electric Arc Proofing Tape 77/77W		Intumescent Elastomer	30 mils	N/A	N/A	N/A	N/A	N/A	36 lbs./in.	Brazil	77: Black, 77W: Light Gray

Data results from tests performed at room temperature unless otherwise noted. Values listed are typical properties and should not be used for specification purposes.

NOTE: \* Cloth made in Pakistan - coated and packaged in USA.

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# 3M™ Sealing and Insulating Mastic Tape Comparison Chart

	Material	Thickness	Operating Temperature	Emergency Overload Temperature	Adhesion to Steel (72°F)	Adhesion to Backing (72°F)	Elongation	Breaking Strength	Country of Manufacture	Color
<b>Mastics</b>										
<b>Scotch® Vinyl Mastic Tapes 2200</b> 	Mastic with PVC Backing	125 mils	0°F to 100°F (-18°C to 38°C)	N/A	200 oz./in.	200 oz./in. (to polyethylene)	200%	20 lbs./in.	USA	Black
<b>Scotch® Vinyl Mastic Tapes 2210</b> 	Mastic with PVC Backing	90 mils	0°F to 100°F (-18°C to 38°C)	N/A	200 oz./in.	200 oz./in. (to polyethylene)	200%	20 lbs./in.	USA	Black
<b>Scotch® Rubber Mastic Tape 2228</b> 	Mastic with Ethylene Propylene Rubber (EPR) Backing	65 mils	Up to 194°F (90°C)	Up to 266°F (130°C)	240 oz./in.	160 oz./in. (to polyethylene)	1,000%	10 lbs./in.	USA	Black
<b>3M™ Scotch-Seal™ Mastic Tape Compound 2229</b> 	Mastic	125 mils	32°F to 100°F (0°C to 38°C)	N/A	N/A	N/A	N/A	N/A	USA	Black
<b>Scotch® Electrical Moisture Sealant 06147/06149</b> 	Mastic with PVC Backing	45 mils	32°F to 100°F (0°C to 38°C)	N/A	65 oz./in.	60 oz./in.	200%	20 lbs./in.	USA	Black
<b>Electrical Insulation</b>										
<b>3M™ Scotchfil™ Black, Electrical Insulation Putty</b> 	Electrical Grade Putty	125 mils	32°F to 176°F (0°C to 80°C)	N/A	N/A	N/A	1,000%	N/A	USA	Black
<b>Repair Tape</b>										
<b>Scotch® Cable Jacket Repair Tape 2234</b> 	Flame Retardant Mastic with CSM Rubber Backing	60 mils	Up to 220°F (105°C)	N/A	160 oz./in.	107 oz./in.	500%	156 lbs./in.	USA	Black

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# Vinyl Electrical Tape

Since inventing the first vinyl electrical tape, 3M has continued to improve tape technology and offers an electrical tape for nearly every application.




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## Vinyl Electrical Tapes

### Scotch® Super 33+™ Vinyl Electrical Tape

Scotch® Super 33+™ Vinyl Electrical Tape is a premium grade, 7 mil thick, all-weather vinyl-insulating tape. It is designed to perform continuously between a temperature range of 0–220°F (-18–105°C). It has an excellent resistance to abrasion, moisture, alkalies, acids, corrosion and varying weather conditions (including ultraviolet exposure). The combination of elastic backing and aggressive adhesive provides moisture-tight electrical and mechanical protection with minimum bulk. Scotch Super 33+ Vinyl Electrical Tape is an Underwriters' Laboratories Listed and Canadian Standards Association Certified "Insulating Tape."

Adhesive Material	Rubber Resin
Backing Material	Polyvinyl Chloride
Tape Grade	Premium
Tape Type	Vinyl
Operating Temperature	0–220°F (-18–105°C)
RoHS 2011/65/EU	Yes
Specifications	ASTM D 3005 type 1
Agency Approvals	
Country of Origin	



Order No.	UPC	Color	Length	Width	Thickness	Dielectric Strength	Rolls per Carton	Rolls per Case
33+SUPER-3/4X36YD	054007-00053	Black	36 yd	0.75"	7 mil	1150 mV	12	48
33+SUPER-3/4X20FT	054007-06130	Black	20'	0.75"	7 mil	1150 mV	10	100
33+SUPER-3/4X66FT	054007-06132	Black	66'	0.75"	7 mil	1150 mV	1	20
33+SUPER-3/4X52FT	054007-06133	Black	52'	0.75"	7 mil	1150 mV	10	100
33+SUPER-3/4X44FT	054007-10075	Black	44'	0.75"	7 mil	1150 mV	10	100
33+SUPER-DISP	054007-10216	Black	66'	0.75"	7 mil	1150 mV	10	100
33+SUPER-1X36YD	054007-08949	Black	36 yd	1.00"	7 mil	1150 mV	12	48
33+SUPER-1-1/2X36YD	054007-50236	Black	36 yd	1.50"	7 mil	1150 mV	-	50





## Vinyl Electrical Tapes

### Scotch® Vinyl Electrical Tape 33

Scotch® Vinyl Electrical Tape 33 is a quality, general-purpose vinyl insulating tape. It has excellent resistance to: abrasion, moisture, alkalies, acid, copper corrosion and varying weather conditions. It is a polyvinyl chloride (PVC) tape that has a high dielectric strength, is flame-retardant and conformable, and provides excellent mechanical protection with minimum bulk. It is a UL Listed “Insulating Tape”.

Adhesive Material	Rubber Resin
Backing Material	Polyvinyl Chloride
Tape Grade	Premium
Tape Type	Vinyl
Operating Temperature	32–176°F (0–80°C)
RoHS 2011/65/EU	Yes
Specifications	ASTM D1000

Agency Approvals 

Country of Origin 


Order No.	UPC	Color	Length	Width	Thickness	Dielectric Strength	Rolls per Carton	Rolls per Case
33-3/4x36YD	054007-10133	Black	36 yd	0.75"	7 mil	1000 mV	12	48
33-1-1/2X44FT	054007-10174	Black	44'	1.50"	7 mil	1000 mV	10	100

### Scotch® Vinyl Color Coding Electrical Tape 35

Scotch® Vinyl Electrical Tape 35 is a 7-mil (0.178 mm) thick polyvinyl chloride (PVC) color-coding tape. Outstanding electrical and mechanical properties make this tape excellent for use in phase identification, color coding of motor leads and piping systems, and for marking safety areas. Scotch Tape 35 operates over a wide range of temperatures – between 32–220°F (0–105°C). This tape is available in nine fade-resistant colors.

Adhesive Material	Rubber Resin
Backing Material	Polyvinyl Chloride
Tape Grade	Premium
Tape Type	Vinyl
Operating Temperature	32–220°F (0–105°C)
RoHS 2011/65/EU	Yes
Specifications	VDE 0340- TEIL1

Agency Approvals  

Country of Origin 



Order No.	UPC	Color	Length	Width	Thickness	Breaking Strength	Rolls per Carton	Rolls per Case
35-BLUE-1/2	054007-10240	Blue	20'	0.50"	7 mil	17 lb/in (3.04 kN/m)	10	100
35-BLUE-3/4	054007-10836	Blue	66'	0.75"	7 mil	17 lb/in (3.04 kN/m)	10	100
35-BROWN-1/2	054007-10299	Brown	20'	0.50"	7 mil	17 lb/in (3.04 kN/m)	10	100
35-BROWN-3/4	054007-10885	Brown	66'	0.75"	7 mil	17 lb/in (3.04 kN/m)	10	100
35-GRAY-1/2	054007-10281	Gray	20'	0.50"	7 mil	17 lb/in (3.04 kN/m)	10	100
35-GRAY-3/4	054007-00072	Gray	66'	0.75"	7 mil	17 lb/in (3.04 kN/m)	10	100
35-GREEN-1/2	054007-10265	Green	20'	0.50"	7 mil	17 lb/in (3.04 kN/m)	10	100

## Vinyl Electrical Tapes

## Scotch® Vinyl Color Coding Electrical Tape 35 (continued)

Order No.	UPC	Color	Length	Width	Thickness	Breaking Strength	Rolls per Carton	Rolls per Case
35-GREEN-3/4	054007-10851	Green	66'	0.75"	7 mil	17 lb/in (3.04 kN/m)	10	100
35-ORANGE-1/2	054007-10273	Orange	20'	0.50"	7 mil	17 lb/in (3.04 kN/m)	10	100
35-ORANGE-3/4	054007-10869	Orange	66'	0.75"	7 mil	17 lb/in (3.04 kN/m)	10	100
35-RED-1/2	054007-10224	Red	20'	0.50"	7 mil	17 lb/in (3.04 kN/m)	10	100
35-RED-3/4	054007-10810	Red	66'	0.75"	7 mil	17 lb/in (3.04 kN/m)	10	100
35-VIOLET-1/2	054007-49923	Violet	20'	0.50"	7 mil	17 lb/in (3.04 kN/m)	10	100
35-VIOLET-3/4	054007-11271	Violet	66'	0.75"	7 mil	17 lb/in (3.04 kN/m)	10	100
35-WHITE-1/2	054007-10232	White	20'	0.50"	7 mil	17 lb/in (3.04 kN/m)	10	100
35-WHITE-3/4	054007-10828	White	66'	0.75"	7 mil	17 lb/in (3.04 kN/m)	10	100
35-YELLOW-1/2	054007-10257	Yellow	20'	0.50"	7 mil	17 lb/in (3.04 kN/m)	10	100
35-YELLOW-3/4	054007-10844	Yellow	66'	0.75"	7 mil	17 lb/in (3.04 kN/m)	10	100
35-MULTI-COLOR	051131-59073	Multi-pack	20'	0.50"	7 mil	17 lb/in (3.04 kN/m)	4	48

## Scotch® Vinyl Electrical Tape Super 88

Scotch® Vinyl Electrical Tape Super 88 is a premium grade, 8.5-mil thick, all-weather vinyl insulating tape. It is designed to perform continuously between a temperature range of 0–220°F (-18–105°C). It has an excellent resistance to abrasion, moisture, alkalis, acids, corrosion and varying weather conditions. The combination of elastic backing and aggressive adhesive provides moisture-tight electrical and mechanical protection with minimum bulk. Scotch Tape Super 88 is an Underwriters' Laboratories Listed and Canadian Standards Association Certified "Insulating Tape."

Adhesive Material	Rubber Resin
Backing Material	Polyvinyl Chloride
Tape Grade	Premium
Tape Type	Vinyl
Operating Temperature	0–220°F (-18–105°C)
RoHS 2011/65/EU	Yes
Specifications	ASTM D 3005 type 2, Mil-I- 24391C, VDE 0340 TEIL 3-1, SS 404 09 75

Agency Approvals



Country of Origin





Order No.	UPC	Color	Length	Width	Thickness	Breaking Strength	Rolls per Carton	Rolls per Case
88-SUPER-3/4X66FT	054007-06143	Black	66'	0.75"	8.5 mil	20 lbs/in	10	100
88-SUPER-3/4X44FT	054007-10307	Black	44'	0.75"	8.5 mil	20 lbs/in	10	100
88-SUPER-3/4X36YD	054007-10323	Black	36 yd	0.75"	8.5 mil	20 lbs/in	12	48
88-SUPER-1X36YD	054007-10331	Black	36 yd	1.00"	8.5 mil	20 lbs/in	12	48
88-SUPER-1-1/2X36YD	054007-10349	Black	36 yd	1.50"	8.5 mil	20 lbs/in	-	12
88-SUPER-2X36YD	054007-10356	Black	36 yd	2.00"	8.5 mil	20 lbs/in	-	12
88-SUPER-1-1/2X44FT	054007-10364	Black	44'	1.50"	8.5 mil	20 lbs/in	10	100

## Vinyl Electrical Tapes

### Scotch® Vinyl Insulation Tape 22

Scotch® Vinyl Insulation Tape 22 is one of 3M's thickest (10-mil) vinyl electrical tapes. It is designed for insulation applications that require greater mechanical strength and abrasion resistance. Scotch Tape 22 provides moisture-resistant electrical and mechanical protection with fewer wraps than thinner tapes.

Adhesive Material	Rubber Resin
Backing Material	Polyvinyl Chloride
Tape Grade	Premium
Tape Type	Vinyl
Operating Temperature	15–176°F (-10–80°C)
RoHS 2011/65/EU	Yes
Specifications	ASTM D 2301 Type 2, VDE 0340 TEIL 3-1, SS 404 09 75
Agency Approvals	
Country of Origin	



Order No.	UPC	Color	Length	Width	Thickness	Breaking Strength	Rolls per Carton	Rolls per Case
22-1/2X36YD	054007-10026	Black	36 yd	0.50"	10 mil	20 lbs/in	12	48
22-3/4X36YD	054007-10034	Black	36 yd	0.75"	10 mil	20 lbs/in	12	48
22-1X36YD	054007-10042	Black	36 yd	1.00"	10 mil	20 lbs/in	12	48
22-1-1/2X36YD	054007-10059	Black	36 yd	1.50"	10 mil	20 lbs/in	-	12
22-2X36YD	054007-10067	Black	36 yd	2.00"	10 mil	20 lbs/in	-	12

## Vinyl Electrical Tapes

### 3M™ Temflex™ Vinyl Electrical Tape 1700

3M™ Temflex™ Electrical Tape 1700 is a good quality, economical general purpose vinyl insulating tape. It has excellent resistance to abrasion, moisture, alkalies, acid, copper corrosion and varying weather conditions. It is a polyvinyl chloride (PVC) tape that is flame-retardant and conformable. Temflex Tape 1700 provides excellent mechanical protection with minimum bulk. It is a UL Listed and CSA Certified "Insulating Tape."




Adhesive Material	Rubber Resin
Backing Material	Polyvinyl Chloride
Tape Grade	General Use
Tape Type	Vinyl
Operating Temperature	32–176°F (0–80°C)
RoHS 2011/65/EU	Yes
Specifications	ASTM D 2301 type 1, MSHA (1700P only)
Agency Approvals	 
Country of Origin	 and Taiwan



Order No.	UPC	Color	Length	Width	Thickness	Breaking Strength	Rolls per Case
1700-1X66FT	054007-43962	Black	66'	1.00"	7 mil	17 lbs/in	99
1700-3/4X36YD-1.5CORE	054007-49700	Black	36 yd	0.75"	7 mil	17 lbs/in	100
1700-3/4X60FT	054007-69764	Black	60'	0.75"	7 mil	17 lbs/in	100
1700P-PRINTED-3/4X66FT	054007-08175	Black	67'	0.75"	7 mil	17 lbs/in	100
1700P-PRINTED-1-1/2X44FT	054007-08408	Black	44'	1.50"	7 mil	17 lbs/in	100
1700P-PRINTED-1-1/2X66FT	054007-50750	Black	66'	1.50"	7 mil	17 lbs/in	100

### 3M™ Temflex™ Vinyl Electrical Tape 1776

3M™ Temflex™ Vinyl Electrical Tape 1776 is a good quality, economical general-purpose vinyl insulating tape, manufactured in the U.S.A. It has excellent resistance to abrasion, moisture, alkalies, acid, copper, corrosion and varying weather conditions. It is a polyvinyl chloride (PVC) tape that is flame-retardant and conformable. Temflex Tape 1776 provides excellent mechanical protection with minimum bulk. It is a UL Listed and CSA Certified "Insulating Tape."

Tape Grade	General Use
Tape Type	Vinyl
Maximum Operating Temperature	176°F (80°C)
RoHS 2011/65/EU	Yes
Agency Approvals	 
Country of Origin	



Order No.	UPC	Color	Length	Width	Thickness	Elongation	Breaking Strength	Adhesion to Steel	Rolls per Carton	Rolls per Case
1776-3/4"x60'	051128-58442	Black	60'	0.75"	7 mil	200%	17 lbs/in	24 oz/in	10	100

## Vinyl Electrical Tapes

### 3M™ Economy Vinyl Electrical Tape 1400

3M™ Economy Vinyl Electrical Tape 1400 is a 7-mil thick, general use vinyl-insulating tape, and comes in black and a variety of colors. It is designed to perform continuously in temperatures up to 176°F (80°C). This tape has a polyvinyl chloride (PVC) backing with pressure-sensitive rubber based adhesive. It inhibits corrosion of electrical conductors.

Adhesive Material	Rubber Resin
Backing Material	Polyvinyl Chloride
Tape Grade	Economy
Tape Type	Vinyl
Maximum Operating Temperature	176°F (80°C)
RoHS 2011/65/EU	Yes
Agency Approvals	
Country of Origin	Taiwan



Order No.	UPC	Color	Length	Width	Thickness	Elongation	Breaking Strength	Adhesion to Steel	Rolls per Case
1400-3/4X60FT	051128-58297	Black	60'	3/4"	7 mil	150%	14 lbs/in	16 oz/in	100

## Sealing and Insulating – Mastic Tape


Need to apply an insulating barrier or moisture-seal to an odd shape? 3M Mastics are made of a self-fusing, rubber-based insulating compound. Mastics are available with a vinyl (PVC) backing, a rubber backing, or no backing at all, and enable you to pad, seal and insulate connections up to 600 volts.



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## Scotch® Vinyl Mastic Tapes 2200 and 2210

Scotch® Pads 2200 and Rolls 2210 are self-fusing, rubber based insulating compounds laminated to a flexible, all-weather grade vinyl (PVC) backing. These tape rolls and pre-cut pads are designed to insulate, moisture-seal and pad connections up to 600 volts, and have excellent resistance to abrasion, moisture, alkalies, acid, copper corrosion and varying weather conditions.


Adhesive Material	Mastic
Backing Material	Polyvinyl Chloride
Tape Grade	Premium
Tape Type	Sealing and Mastic
Operating Temperature Range	0–100°F (-18–38°C)
RoHS 2011/65/EU	Yes
Country of Origin	



Order No.	UPC	Color	Length	Width	Thickness	Elongation	Breaking Strength	Dielectric Strength	Rolls per Carton	Rolls per Case
2200-3-1/4X4-1/2	054007-11008	Black	4.50"	3.25"	125 mil	200%	20 lbs/in	300 v/mil	10 Pads	50 Pads
2200-6-1/2X4-1/2	054007-21296	Black	6.50"	4.50"	125 mil	200%	20 lbs/in	300 v/mil	10 Pads	50 Pads
2210-4X10FT	054007-11222	Black	10'	4.00"	90 mil	200%	20 lbs/in	300 v/mil	-	10 Rolls

## Scotch® Electrical Moisture Sealant 06147

Scotch® Electrical Moisture Sealant 06147 is a self-fusing, rubber-based thin insulating mastic compound laminated to a flexible, all-weather grade PVC backing and are designed for moisture sealing of electrical connections up to 600 volts.

Adhesive Material	Rubber Mastic
Backing Material	Polyvinyl Chloride (PVC)
Tape Grade	Premium
Tape Type	Sealing and Masting
Operating Temperature Range	32–100°F (0–38°C)
RoHS 2011/65/EU	Yes
Country of Origin	



Order No.	UPC	Color	Length	Width	Thickness	Elongation	Breaking Strength	Rolls per Carton	Rolls per Case
06147	054007-06147	Black	10'	2.50"	45 mil	200%	20 lbs/in	-	10

Sealing and Insulating – Mastic Tapes

## Scotch® Rubber Mastic Tape 2228

Scotch® Rubber Mastic Tape 2228 is a conformable self-fusing rubber electrical insulating and sealing tape. Scotch® Rubber Mastic 2228 consists of Ethylene Propylene Rubber (EPR) backing coated with a strong, temperature-stable mastic adhesive.


Adhesive Material	Mastic
Backing Material	Ethylene Propylene Rubber (EPR)
Tape Grade	Premium
Tape Type	Sealing and Mastic
Maximum Operating Temperature	Up to 194°F (90°C)
RoHS 2011/65/EU	Yes
Country of Origin	



Order No.	UPC	Color	Length	Width	Thickness	Elongation	Breaking Strength	Rolls per Case
2228-1X10FT	054007-50727	Black	10'	1.00"	65 mil	1000%	10 lbs/in	12
2228-2X10FT	054007-09656	Black	10'	2.00"	65 mil	1000%	10 lbs/in	10
2228-2X3FT	054007-43478	Black	3'	2.00"	65 mil	1000%	10 lbs/in	48

## 3M™ Scotch-Seal™ Mastic Tape Compound 2229

3M™ Scotch-Seal™ Mastic Tape Compound 2229 is designed for quick and easy insulating, padding and sealing of electrical connections. It is a conformable, durable, tacky mastic with an easy release liner for easy applications over irregular surfaces and provides excellent moisture resistance. It features excellent self-healing characteristics after being punctured or cut.

Adhesive Material	Mastic
Backing Material	Rubber
Tape Grade	Premium
Tape Type	Sealing and Mastic
Maximum Operating Temperature	194°F (90°C)
RoHS 2011/65/EU	Yes
Country of Origin	




Order No.	UPC	Color	Length	Width	Thickness	Dielectric Strength	Rolls per Carton	Rolls per Case
2229-1X10FT	054007-50335	Black	10'	1.00"	125 mil	379 v/mil (14.9 kV/mm)	-	12
2229-1.5X30FT	051128-58596	Black	30'	1.50"	125 mil	379 v/mil (14.9 kV/mm)	-	5
2229-3-3/4X10FT	054007-49702	Black	10'	3.75"	125 mil	379 v/mil (14.9 kV/mm)	-	8
2229-P-2-1/2X3-3/4	054007-41303	Black	10'	0.75"	125 mil	379 v/mil (14.9 kV/mm)	-	40
2229-P-3-3/4X3-3/4	054007-50336	Black	10'	3.75"	125 mil	379 v/mil (14.9 kV/mm)	10	40
2229-P-3-3/4X6-1/2	054007-50337	Black	54'	3.75"	125 mil	379 v/mil (14.9 kV/mm)	-	40



## Sealing and Insulating – Mastic Tapes

### 3M™ Scotchfil™ Electrical Insulation Putty

Use as a build-up compound on highly irregular surfaces such as fittings and valves, providing a smooth, waterproof taping surface. 3M™ Scotchfil™ Electrical Insulation Putty is soft and pliable—simply press putty into place on irregular surfaces, mold with finger pressure and overtape using standard methods.

Adhesive Material	Mastic
Backing Material	Putty
Tape Grade	Premium
Tape Type	Sealing and Mastic
Operating Temperature Range	32–176°F (0–80°C)
RoHS 2011/65/EU	Yes
Country of Origin	



Order No.	UPC	Color	Length	Width	Thickness	Elongation	Dielectric Strength	Rolls per Case
SCOTCHFIL	054007-41750	Black	60" (1,53 m)	1.5" (38,1 mm)	125 mil	1000%	575 v/mil (22.6 kV/mm)	12

### Scotch® Cable Jacket Repair Tape 2234

Scotch® Cable Jacket Repair Tape 2234 has a tough abrasion-resistant backing for jacket repair on industrial cables, such as flexible portable power cables, draglines, diesel locomotive cable, welding and shipboard cables. Due to abrasive dragging and reeling of these flexible cables, the original jacketing gets damaged often and needs to be repaired. Scotch® Cable Jacket Repair Tape 2234 is flexible and the self-healing property of the mastic helps keep out moisture.

Adhesive Material	Flame Retardant Mastic
Backing Material	CSM Rubber
Tape Grade	Professional
Tape Type	Sealing and Mastic
Operating Temperature Range	-22–220°F (-30–105°C)
RoHS 2011/65/EU	Yes
Agency Approval	
Country of Origin	



Order No.	UPC	Color	Length	Width	Thickness	Elongation	Breaking Strength	Rolls per Carton	Rolls per Case
2234	051128-57493	Black	6'	2.00"	60 mil	500%	156 lbs/in	1 each	10

Sealing and Insulating – Mastic Tapes

## Scotch® Heavy Duty Mining Tape 31

Scotch® Heavy Duty Mining Tape 31 has a tough, abrasion-resistant backing for jacket repair on mining cables. Due to the extreme mining environment, the original jacket on mining cable gets damaged and needs repair. Scotch® Heavy Duty Mining Tape 31 offers an innovative solution for cable repair. With its CSM Rubber backing, abrasion-resistant properties and flame retardant mastic, the tape applies easily and remains flexible while maintaining a strong moisture seal. MSHA-approved.


Adhesive Material	Flame Retardant Mastic
Backing Material	CSM Rubber
Tape Grade	Premium
Tape Type	Mining Tape
Operating Temperature Range	32–221°F (0–105°C)
RoHS 2011/65/EU	Yes



Order No.	UPC	Color	Length	Width	Thickness	Breaking Strength	Rolls per Case
31-2"X10FT	051128-57150	Black	10'	2.00"	60 mil	156 lbs/in	10
31-2"X6FT	051128-57149	Black	6'	2.00"	60 mil	156 lbs/in	10
31-2"X8.5FT	051128-56812	Black	8.5'	2.00"	60 mil	156 lbs/in	10

## Scotch® Mastic Strip 2230

Scotch® Mastic Strip 2230 are short lengths of thin mastic with a removable liner on each side. It can be used in small sealing applications.

Adhesive Material	Mastic
Backing Material	Mastic
Tape Grade	Premium
Tape Type	Sealing and Mastic
Operating Temperature Range	32–100°F (0–38°C)
RoHS 2011/65/EU	Yes
Country of Origin	



Order No.	UPC	Color	Length	Width	Thickness	Strips per Case
2230	054007-41813	Gray	6.0"	0.624"	90 mil	40

## Insulating and Splicing – Rubber Tapes

Best used to provide primary electrical insulation, 3M Rubber Tapes are highly conformable. Use on bus bar connections, general splice insulation and moisture sealing for low- to high-voltage electrical connections.



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## Scotch® Linerless Rubber Splicing Tape 130C

Scotch® Linerless Rubber Splicing Tape 130C is a highly conformable, linerless Ethylene Propylene Rubber (EPR), high-voltage insulating tape that provides excellent thermal dissipation of splice heat. Scotch® Splicing Tape 130C meets industry specifications and has excellent physical and electrical properties, which help provide immediate moisture seal and void-free buildups. Scotch® Splicing Tape 130C is rated up to 194°F (90°C) continuous operating temperatures and short-term 266°F (130°C) overload service. This product can be used for low and high-voltage (through 69 kV) applications. This tape should be applied like any rubber tape—that is, the side of the tape wrapped inside the roll should be applied outside on the splice (tacky side up). This will help prevent the roll from getting progressively further away from the work area.

Liner/Linerless	Linerless
Material	Self-fusing Ethylene Propylene Rubber (EPR)
Tape Grade	Premium
Tape Type	Insulating and Splicing
Operating Temperature	Up to 194°F (90°C)
Short Term Overload Service	266°F (130°C)
RoHS 2011/65/EU	Yes
Specifications	ASTM D-4388 type 1, 2 & 3; HH-I-553C
Country of Origin	



Order No.	UPC	Color	Length	Width	Thickness	Elongation	Breaking Strength	Rolls per Carton	Rolls per Case
130C-3/4X30FT	054007-41717	Black	30'	0.75"	30 mil	850%	7.5 lbs/in	1	24
130C-1X10FT	054007-41751	Black	10'	1.00"	30 mil	850%	7.5 lbs/in	1	24
130C-1X15FT	054007-41752	Black	15'	1.00"	30 mil	850%	7.5 lbs/in	1	24
130C-1X30FT	054007-41753	Black	30'	1.00"	30 mil	850%	7.5 lbs/in	1	24
130C-1-1/2X30FT	054007-41718	Black	30'	1.50"	30 mil	850%	7.5 lbs/in	1	12
130C-2X30FT	054007-41754	Black	30'	2.00"	30 mil	850%	7.5 lbs/in	1	12

## Scotch® Rubber Splicing Tape 23

Scotch® Rubber Splicing Tape 23 is a highly conformable, self-fusing Ethylene Propylene Rubber (EPR), high-insulating voltage tape. Scotch Tape 23 has a “snakeskin” liner that is easily removed as the tape is applied. This product can be used for low and high-voltage (through 69 kV) applications.

Liner/Linerless	Liner
Material	Ethylene Propylene Rubber (EPR)
Tape Grade	Premium
Tape Type	Insulating and Splicing
Operating Temperature	Up to 194°F (90°C)
Short Term Overload Service	266°F (130°C)
RoHS 2011/65/EU	Yes
Specifications	ASTM D-4388 type 1, 2 & 3 ; HH-I-3825B
Country of Origin	Brazil



Order No.	UPC	Color	Length	Width	Thickness	Elongation	Breaking Strength	Rolls per Carton	Rolls per Case
23-3/4X30FT	054007-15025	Black	20'	0.75"	30 mil	1000%	8 lbs/in	1	20
23-1"X20'(40RLS)	054007-13061	Black	20'	1.00"	30 mil	1000%	8 lbs/in	1	40
23-1X20FT(100RLS)	054007-13061	Black	20'	1.00"	30 mil	1000%	8 lbs/in	1	100
23-1X30FT	054007-00059	Black	30'	1.00"	30 mil	1000%	8 lbs/in	1	32
23-1.5"X30'	054007-11214	Black	30'	1.50"	30 mil	1000%	8 lbs/in	1	20
23-2X30FT	054007-15033	Black	30'	2.00"	30 mil	1000%	8 lbs/in	1	16

## 3M™ Linerless Splicing Compound 2242

3M™ Linerless Splicing Compound 2242 is a multi-purpose rubber insulating tape designed for use in splicing and terminating wires and cables rated up to 194°F (90°C). 3M™ Linerless Splicing Compound 2242 is a highly conformable, linerless Ethylene Propylene Rubber-based tape.

Liner/Linerless	Linerless
Material	Self-fusing Ethylene Propylene Rubber (EPR)
Tape Grade	Premium
Tape Type	Insulating and Splicing
Operating Temperature	0–194°F (-18–90°C)
RoHS 2011/65/EU	Yes
Specifications	ASTM D-4388 type 1, 2 & 3; HH-I-553C
Country of Origin	Brazil




Order No.	UPC	Color	Length	Width	Thickness	Breaking Strength	Rolls per Carton	Rolls per Case
2242-3/4X15FT	054007-06165	Black	15'	0.75"	30 mil	7.5 lbs/in	1	24
2242-1-1/2X15FT	054007-41323	Black	15'	1.50"	30 mil	7.5 lbs/in	1	12
2242-2X15FT	054007-43251	Black	15'	2.00"	30 mil	7.5 lbs/in	1	8

## Insulating and Splicing – Rubber Tapes

### 3M™ Temflex™ Rubber Splicing Tape 2155

3M™ Temflex™ Rubber Splicing Tape 2155 is a conformable self-fusing rubber electrical insulating tape. It is designed for low voltage electrical insulating and moisture sealing applications. Compatible with solid dielectric cable insulations, Temflex Tape 2155 is a self-fusing tape. Flexible over a wide temperature range, it is Underwriters Laboratories (UL) Listed for use up to 600 volts.

Liner/Linerless	Liner
Material	Ethylene Propylene Rubber (EPR)
Tape Grade	General Use
Tape Type	Insulating and Splicing
Operating Temperature	Up to 176°F (80°C)
RoHS 2011/65/EU	Yes
Agency Approvals	
Country of Origin	Brazil



Order No.	UPC	Color	Length	Width	Thickness	Breaking Strength	Rolls per Carton	Rolls per Case
2155-3/4X22FT	054007-50348	Black	22'	0.75"	30 mil	9 lbs/in	1	10
2155-3/4X22FT-20RLS	051138-97905	Black	22'	0.75"	30 mil	9 lbs/in	1	20
2155-1-1/2X22FT	054007-50349	Black	22'	1.50"	30 mil	9 lbs/in	1	45

### Scotch® Self-Fusing Silicone Rubber Electrical Tape 70

Scotch® Self-Fusing Silicone Rubber Electrical Tape 70 is a high-temperature, arc- and track-resistant tape composed of self-fusing, inorganic silicone rubber with an easy-tear and easy-strip liner. Scotch® Self-Fusing Silicone Rubber Electrical Tape 70 can be used as base tape layer to cleanly reenter connections.

Material	Inorganic Silicone Rubber
Tape Grade	Premium
Tape Type	Insulating and Splicing
Operating Temperature	Up to 356°F (180°C)
RoHS 2011/65/EU	Yes
Specifications	AA-59163 Class-I Type I; ASTM D-1000-76; ASTM D-495-71
Country of Origin	Canada



Order No.	UPC	Color	Length	Width	Thickness	Elongation	Breaking Strength	Rolls per Carton	Rolls per Case
70-1x30FT	051128-57261	Sky Blue Gray	30'	1.00"	12 mil	450%	12 lbs/in	1	24

## Scotch® Self-Fusing Silicone Rubber Electrical Tape 70HDT

Scotch® Self-Fusing Silicone Rubber Electrical Tape 70HDT is the heavy duty version of Scotch® Self-Fusing Silicone Rubber Electrical Tape 70, a high-temperature, arc- and track-resistant tape composed of self-fusing, inorganic silicone rubber with an easy-tear and easy-strip liner. Scotch® Rubber Tape 70HDT also has a triangular tapered edge profile (thicker in the middle) and a blue guideline to make half-lapping application easier.

<b>Material</b>	Inorganic Silicone Rubber
<b>Tape Grade</b>	Premium
<b>Tape Type</b>	Insulating and Splicing
<b>Operating Temperature</b>	Up to 356°F (180°C)
<b>RoHS 2011/65/EU</b>	Yes
<b>Specifications</b>	AA-59163 Class-I Type I; ASTM D-1000-76; ASTM D-495-71
<b>Country of Origin</b>	Canada



Order No.	UPC	Color	Length	Width	Thickness	Elongation	Breaking Strength	Rolls per Carton	Rolls per Case
70HDT-1x30FT	051128-57262	Sky Blue Gray with Guideline	30'	1.00"	Center: 20 mil Edges: 8 mil	300%	14 lbs/in	1	24

## Scotch® Fire-Retardant and Electric Arc Proofing Tape 77 Series

Scotch® Fire and Electric Arc Proofing Tape 77/77W is designed to protect most types of electrical cables when exposed to potential failures in an adjacent cable. Its specially formulated adhesive expands in fire to form a thick char buildup between the flame and the cable. The resulting firewall acts as a heat shield and flame barrier, thus protecting the nearby cables and accessories.

<b>Adhesive Material</b>	Non-adhesive
<b>Backing Material</b>	Intumescent Elastomer
<b>Tape Grade</b>	Premium
<b>Tape Type</b>	Insulating and Splicing
<b>RoHS 2011/65/EU</b>	Yes
<b>Specifications</b>	ASTM D-2863; ASTM C-518; Consolidated Edison Co. Test EO-5343-14
<b>Country of Origin</b>	



Order No.	UPC	Color	Length	Width	Thickness	Breaking Strength	Rolls per Carton	Rolls per Case
77 White-1-1/2x20ft	051128-60334	White-Gray	20'	1.50"	30 mil	36 lbs/in	1	10
77 White-3x20ft	051128-60335	White-Gray	20'	3.00"	30 mil	36 lbs/in	1	10
77 Black-1.5"x20'	051128-60332	Black	20'	1.50"	30 mil	36 lbs/in	1	10
77 Black-3"x20'	051128-60333	Black	20'	3.00"	30 mil	36 lbs/in	1	10

## Scotch® Electrical Semi-Conducting Tape 13

Scotch® Electrical Semi-Conducting Tape 13 is a highly conformable, semi-conducting Ethylene Propylene Rubber (EPR)-based, high-voltage splicing tape. Scotch Electrical Tape 13 elongates easily to conform to irregular shapes and retains its conductivity when stretched.

Liner/Linerless	Liner
Material	Semi-Conducting Ethylene Propylene Rubber
Tape Grade	Premium
Tape Type	Insulating and Splicing
Operating Temperature	Up to 194°F (90°C)
Emergency Overload Temperature	266°F (130°C)
RoHS 2011/65/EU	Yes
Country of Origin	Brazil



Order No.	UPC	Color	Length	Width	Thickness	Elongation	Breaking Strength	Rolls per Case
13	051128-53115	Black	10'	0.75"	30 mil	800%	6 lbs/in	250
13-3/4X15FT	054007-15017	Black	15'	0.75"	30 mil	800%	6 lbs/in	50
13-1-1/2X15FT	054007-15017	Black	15'	1.5"	30 mil	800%	6 lbs/in	45

## Scotch® Varnished Cambric Tape 2510

Scotch® Varnished Cambric Tape 2510 is made from straight-cut woven cotton cambric fabric. The fabric is oil primed and coated with a high-grade yellow electrical insulating varnish. Varnished cambric tapes are flexible, electrically insulating and moisture resistant with a smooth finish. Scotch Tape 2510 tape is yellow, non-adhesive coated and 7 mils thick, providing an excellent dielectric strength with high puncture and cut-through resistance. Its electrical properties are stable up to 105°C.

Material	Straight cut woven cotton cambric fabric with electrical insulating varnish
Tape Grade	Premium
Tape Type	Insulating and Splicing
Operating Temperature	Up to 220°F (105°C)
RoHS 2011/65/EU	Yes
Specifications	ASTM D-374; ASTM D-1000; ASTM D-295
Country of Origin	Pakistan



Order No.	UPC	Color	Length	Width	Thickness	Breaking Strength	Rolls per Carton	Rolls per Case
2510-3/4X60FT	054007-41720	Yellow	60'	0.75"	7 mil	50 lbs/in	1	20
2510-3/4X36YD	054007-10661	Yellow	36 yd	0.75"	7 mil	50 lbs/in	1	48
2510-1X36YD	054007-10687	Yellow	36 yd	1.00"	7 mil	50 lbs/in	1	36
2510-1-1/2X36YD	054007-10703	Yellow	36 yd	1.50"	7 mil	50 lbs/in	1	24
2510-2X36YD	054007-10711	Yellow	36 yd	2.00"	7 mil	50 lbs/in	1	16
2510-36X25YD	054007-15751	Yellow	25 yd	3.00"	7 mil	50 lbs/in	1	1



## Scotch® Varnished Cambric Tape 2520

Scotch® Varnished Cambric Tape 2520 is made from straight-cut woven cotton cambric fabric. The fabric is oil primed and coated with a high-grade yellow electrical insulating varnish. Varnished cambric tapes are flexible, electrically insulating and moisture resistant with a smooth finish. Scotch Tape 2520 tape is yellow with a pressure-sensitive adhesive and 8 mils thick, and contains an adhesive that holds the tape in position after application. It is designed to perform continuously in temperatures up to 105°C (220°F) with excellent resistance to abrasion, puncture and cut-through.

<b>Material</b>	Straight cut woven cotton cambric with electrical insulating varnish
<b>Tape Grade</b>	Premium
<b>Tape Type</b>	Insulating and Splicing
<b>Operating Temperature</b>	Up to 220°F (105°C)
<b>RoHS 2011/65/EU</b>	Yes
<b>Specifications</b>	ASTM D-374; ASTM D-1000; ASTM D-295
<b>Country of Origin</b>	Pakistan



Order No.	UPC	Color	Length	Width	Thickness	Breaking Strength	Rolls per Carton	Rolls per Case
2520-3/4X60FT	054007-04836	Yellow	60'	0.75"	8 mil	50 lbs/in	1	20
2520-3/4X36YD	054007-04835	Yellow	36 yd	0.75"	8 mil	50 lbs/in	1	48
2520-1X36YD	054007-04833	Yellow	36 yd	1.00"	8 mil	50 lbs/in	1	36
2520-1-1/2X36YD	054007-04832	Yellow	36 yd	1.50"	8 mil	50 lbs/in	1	24
2520-2X36YD	054007-04834	Yellow	36 yd	2.00"	8 mil	50 lbs/in	1	16

## Scotch® Electrical Shielding Tape 24

Scotch® Electrical Shielding Tape 24 is an all-metal, flat, open-weave shielding mesh that is compatible with power cable insulations and all high-voltage splicing and terminating materials. Scotch® Electrical Shielding Tape 24 elongates easily to conform and is temperature stable.

NOTE: Scotch® Electrical Shielding Tape 24 should not be used as a ground strap or jumper wire. It's ampacity is not great enough to carry large fault currents. For ground strap applications please refer to Scotch® Electrical Grounding Braid 25.


<b>Material</b>	Tinned Copper Open Weave Mesh
<b>Tape Grade</b>	Premium
<b>Tape Type</b>	Shielding
<b>RoHS 2011/65/EU</b>	Yes
<b>Country of Origin</b>	Mexico



Order No.	UPC	Length	Width	Thickness	Breaking Strength	Rolls per Carton	Rolls per Case
24-1X100FT	054007-15058	100'	1.00"	16 mil	22 lbs/in	10	10
24-1X15FT	054007-15041	15'	1.00"	16 mil	22 lbs/in	10	50
24-2X10FT	051128-57289	10'	2.00"	16 mil	22 lbs/in	20	20

## Scotch® Electrical Grounding Braid 25

Scotch® Electrical Grounding Braid 25 is a flat, all-metal woven electrical grounding braid that is compatible with power cable insulations and high-voltage splicing and terminating materials. The Scotch® Electrical Grounding Braid 25 is conformable and temperature stable, and has a current carrying capacity approximately that of #6 AWG wire.

<b>Material</b>	Tinned Copper Woven Braid
<b>Backing Material</b>	Copper Wire
<b>Tape Grade</b>	Premium
<b>Tape Type</b>	Grounding
<b>RoHS 2011/65/EU</b>	Yes
<b>Country of Origin</b>	



Order No.	UPC	Length	Width	Thickness	Rolls per Carton	Rolls per Case
25	054007-11602	15'	0.50"	80 mil	1	1