

Insulating and Splicing Tapes

Scotch® Linerless Rubber Splicing Tape 130C

Scotch Electrical Tape 130C is a highly conformable, linerless Ethylene Propylene Rubber (EPR), high-voltage insulating tape that provides excellent thermal dissipation of splice heat. Scotch 130C meets industry specifications and has excellent physical and electrical properties, which helps provide immediate moisture seal and void-free buildups. Scotch 130C is rated up to 194°F (90°C) continuous operating temperatures and short-term 266°F (130°C) overload service. 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.



Scotch® Linerless Rubber Splicing Tape 130C

(EPR)-based, high-voltage splicing tape. Scotch Electrical Tape 13 elongates easily to conform to irregular shapes and retains its conductivity when stretched.

Scotch® Electrical Shielding Tape 24

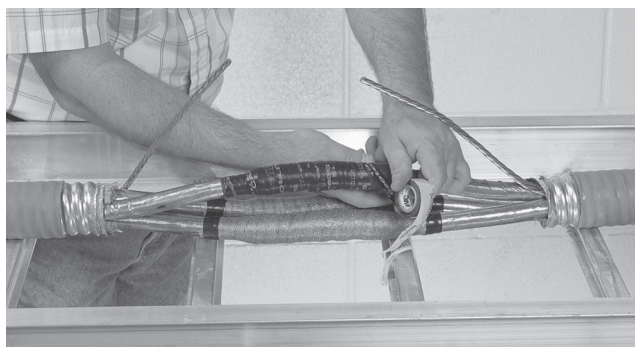
Scotch Electrical Shielding Tape 24 is an all-metal, flat, open-weave shielding braid that is compatible with power cable insulations and all high-voltage splicing and terminating materials. Scotch Electrical Shielding Tape 24 elongates easily to conform and is temperature stable.

Scotch® Electrical Grounding Braid 25

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

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 re-enter connections.



Scotch® Rubber Splicing Tape 23



















Scotch® Rubber Splicing Tape 23

Scotch Rubber Splicing Tape 23 is a highly conformable, self-fusing Ethylene Propylene Rubber (EPR)-based, high-insulating voltage tape. Scotch 23 has a “snakeskin” liner that is easily removed as the tape is applied.

Scotch® Electrical Semi-Conducting Tape 13

Scotch Electrical Semi-Conducting Tape 13 is a highly conformable, semi-conducting Ethylene Propylene Rubber

Specifications for Insulating and Splicing Tapes

Product Name	Product Description	Tape Thickness	U.V. Resistance	Temp. Rating	Typical Applications	Specs./ Certifications and Listings	U.S. Made
 Scotch® Linerless Rubber Splicing Tape 130C	High voltage insulating; thermally conductive; self-bonding.	30 mil	No*	continuous: 194°F (90°C) short-term: 266°F (130°C)	Primary electrical insulation for splicing all solid dielectric cables through 69kV.	ASTM D-4388 Type I, II, and III HH-I-553C RoHS	
 Scotch® Electrical Semiconducting Tape 13	Rubber tape, semi-conductive. Compatible with cable semi-conducting jackets.	30 mil	No*	continuous: 194°F (90°C) short-term: 266°F (130°C)	Electrically round high voltage connections. Provide cable shield continuation.	ASTM D-4388 Type IV RoHS	
 Scotch® Rubber Splicing Tape 23	High and low voltage insulating, self-fusing rubber tape.	30 mil	N/A	continuous: 194°F (90°C) short-term: 266°F (130°C)	Primary electrical insulation for splicing all solid dielectric cables through 69kV.	HH-I-3825B ASTM D-4388 Type I, II, and III RoHS	
 Scotch® Electrical Shielding Tape 24	All metal open weave shielding braid, conformable, temperature stable.	N/A	N/A	N/A	Continue electrostatic shielding across splice.	RoHS	
 Scotch® Electrical Grounding Braid 25	All metal woven braid; high current carrying capacity of 6 AWG wire; solderable.	N/A	N/A	N/A	Conformable ground braid for splices and terminations.	RoHS	
 Scotch® Self-Fusing Silicone Rubber Electrical Tape 70	Arc and track resistant; self-fusing, long lasting silicone rubber.	12 mil	Excellent	356°F (180°C)	Protective overwrap for terminating high voltage cables.	RoHS	
 Scotch® Heavy Duty Triangular Self-Fusing Silicone Rubber Electrical Tape 70HDT	Arc and track resistant; self-fusing, long lasting silicone rubber, triangular tapered edge profile and a blue guideline.	20 mil center, 8 mil edge	Excellent	356°F (180°C)	Protective overwrap for terminating high voltage cables.	RoHS	
 Scotch® Fire and Electric Arc Proofing Tape 77	Protects cable until limiting devices can interrupt faulted current.	30 mil	Excellent	N/A	Use on high-energy cables that are within 18" of other high energy cables.	RoHS	
 3M™ Linerless Splicing Compound 2242	General purpose rubber insulating tape.	30 mil	No*	continuous: 194°F (90°C) short-term: 266°F (130°C)	All-voltage splicing, jacketing, and general insulating.	HH-I-553C ASTM D-4388 Type I, II, and III RoHS	
 3M Scotchfil™ Electrical Insulation Putty	Black, self-fusing, insulating putty in tape form.	125 mil	No*	176°F (80°C)	Insulate connections up to 600V. Smooth bus bar irregularities.	 RoHS	
 Scotch® Varnished Cambric Tape 2510 and 2520	Yellow, varnish coated cotton cloth 2510: no adhesive; 2520: adhesive.	7 mil 8 mil	No*	220°F (105°C)	Insulate bus bars, motor leads (for re-entry), service drop connections.	RoHS	
 3M™ Temflex™ Rubber Splicing Tape 2155	Replaces 2150. Economical low voltage rubber insulating tape; self-fusing.	30 mil	No*	176°F (80°C)	Insulating wire splices, split bolt connections, and motor leads up to 600V.	 RoHS	

* For best UV protection, overwrap with Scotch® Super 33+™

Ordering Information for Insulating and Splicing Tapes

Product Number	UPC (054007-)	Size	Inner Unit Pack	Case Qty.
Scotch® Linerless Rubber Splicing Tape 130C, black				
130C	41717	3/4" x 30' (19 mm x 9,1 m)	1/box	24 rolls
130C	41751	1" x 10' (25 mm x 3 m)	N/A	24 rolls
130C	41752	1" x 15' (25 mm x 4,6 m)	1/box	24 rolls
130C	41753	1" x 30' (25 mm x 9,1 m)	1/box	24 rolls
130C	41718	1-1/2" x 30' (38 mm x 9,1 m)	1/box	12 rolls
130C	41754	2" x 30' (51 mm x 9,1 m)	1/box	12 rolls
Scotch® Electrical Semi-Conducting Tape 13				
13	15017	3/4" x 15' (19 mm x 4,57 m)	1/box, 10/ctn	50 rolls
Scotch® Rubber Splicing Tape 23, black				
23	15025	3/4" x 30' (19 mm x 9,1 m)	1/box, 50/ctn	50 rolls
23	13061	1" x 20' (25 mm x 6,1 m)	N/A	100 rolls
23	00059	1" x 30' (25 mm x 9,1 m)	1/box, 50/ctn	50 rolls
23	11214	1-1/2" x 30' (38 mm x 9,1 m)	1/box, 10/ctn	50 rolls
23	15033	2" x 30' (51 mm x 9,1 m)	1/box, 10/ctn	50 rolls
Note: Other widths and lengths available upon request.				
Scotch® Electrical Shielding Tape 24				
24	15058	1" x 100' (25 mm x 30,5 m)	1/box, 10/ctn	10 rolls
24	15041	1" x 15' (25 mm x 4,6 m)	1/box, 10/ctn	50 rolls
24	57289*	2" x 10' (51 mm x 3 m)	20/ctn	20 rolls
Scotch® Electrical Grounding Braid 25				
	11602	1/2" x 15' (13 mm x 4,6 m)	1/box	1 roll
Scotch® Self-Fusing Silicone Rubber Electrical Tape 70, gray				
	15603	1" x 30' (25 mm x 9,1 m)	1/box, 10/ctn	50 rolls
Scotch® Self-Fusing, Silicone Heavy Duty Triangular Electrical Tape 70HDT				
	56030*	1" x 30' (25.4 mm x 9,1 m)	1/box	50 rolls
Scotch® Fire and Electric Arc Proofing Tape 77, black				
77	42007	1-1/2" x 20' (38 mm x 6,1 m)	1/bag	10 rolls
77	42006	3" x 20' (76 mm x 6,1 m)	1/bag	10 rolls
77W	98374**	1-1/2" x 20' (38 mm x 6,1 m)	1/bag	10 rolls
77W	98375**	3" x 20' (76 mm x 6,1 m)	1/bag	10 rolls
3M® Linerless Splicing Compound 2242, black				
2242	06165	3/4" x 15' (19 mm x 4,6 m)	1/bag	24 rolls
2242	41323	1-1/2" x 15' (38 mm x 4,6 m)	1/bag	12 rolls
2242	43251	2" x 15' (51 mm x 4,6 m)	N/A	8 rolls
3M® Scotchfil® Electrical Insulation Putty				
	41750	1-1/2" x 60" (38 mm x 1,53 m)	4/ctn	12 rolls

*UPC prefix 051128-

**UPC prefix 051138-