

Scotch® Self-Fusing, Silicone Heavy Duty Triangular Electrical Tape 70HDT

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

Scotch® Fire and Electric Arc Proofing Tape 77

Scotch Fire and Electric Arc Proofing Tape 77 is designed to protect all types of electrical cables when exposed to potential failures in an adjacent cable. Its unique formulation 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.

3M™ Linerless Splicing Compound 2242



3M Linerless Splicing Compound 2242 is a multipurpose 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 (EPR)-based tape.

3M™ Scotchfil™ Electrical Insulation Putty

3M Scotchfil Putty is an electrical grade, rubber-based, elastic-type putty in tape form.



It can be wrapped, stretched or molded around irregular shapes for quick, smooth insulation build-up. Use Scotchfil putty to insulate connections up to 600 volts and to round out high-voltage connections to gear, smooth bus bar irregularities, and make a moisture seal at ground wire exits in high-voltage splices. UL Recognized Component listing for 176°F (80°C) when used in combination with Super 33+ or 88 tapes (Guide OCDT2, File E59951).

Scotch® Electrical Insulating Varnished Cambric Tape 2510 and 2520

Scotch Electrical Insulating Varnished Cambric Tape 2510 and 2520 are cotton



cambric fabric tapes, oil primed and coated with high-grade yellow electrical insulating varnish for quality electrical insulating. Scotch 2510/2520 are temperature stable tape products that allow for clean re-entry of electrical connections. Scotch 2510 has no adhesive and Scotch 2520 has a pressure-sensitive adhesive.



















LINERLESS RUBBER TAPES

FEATURES	ADVANTAGES	BENEFITS
No liner	Makes job easier	Saves time, lower installed cost
Excellent thermal dissipation	More stable splices	Provides longer cable life, reduces life cycle cost
Highly conformable	High quality moisture seal	Eliminates call-backs

PRODUCT REFERRAL GENERATOR

Cable Cleaning	410
Insulating	
– Jacketing Tubes	384
Connecting	
– Lugs and Connectors	147

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.	 File E 59951 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-