

Sealing and Insulating Mastic Tapes

Scotch® Vinyl Mastic Pads 2200 (125 mil) and Scotch® Vinyl Mastic Roll 2210 (90 mil)

Scotch Vinyl Mastic Pads 2200 and Scotch Vinyl Mastic Rolls 2210 are self-fusing, rubber-based insulating compounds laminated to a flexible, all-weather grade PVC backing. Both rolls and pads are resistant to abrasion, moisture, alkalis, acid, copper corrosion, UV and varying weather conditions.



Scotch® 2210 Vinyl Mastic Roll

Scotch® Electrical Moisture Sealant (45 mil) 06147 and 06149

Scotch Electrical Moisture Sealant 06147 and 06149 are self-fusing, rubber-based thin insulating mastic compounds laminated to a flexible, all-weather grade PVC backing and are designed for moisture sealing of electrical connections up to 600 volts.



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.



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 superior self-healing characteristics after being punctured or cut.



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. Scotchfil Putty is soft and pliable—simply press putty into place on irregular surfaces, mold with finger pressure and overtape using standard methods.



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 keeps out moisture.



SCOTCH® CABLE JACKET REPAIR TAPE 2234

FEATURES	ADVANTAGES	BENEFITS
Flexible, Hypalon backing	Oil resistance, abrasion, easy jacket repair	Makes job easier, no rigid areas on the reel
Self-fusing mastic	Fix for flexible cable, excellent moisture seal	Saves money, less moisture-related downtime
Compatible with many cable jackets	One solution for many cables	Saves time







PRODUCT REFERRAL GENERATOR

Insulating	
– Cold Shrink	pg. 384
– Heat Shrink	pg. 384

Cable Compatibility

Cable Type	Insulation	Jacket
DLO	EPR	CSPE
MC	XPE	PVC
MV	EPR	CSPE/CPE/PVC
PLTC	XPE/PVC	CSPE/PVC
RHH, RHW	CSPE/EPR	EPR/PVC
RW, RWJ	XPE	XPE/PVC
SE, THHN, THWN	PVC	PVC
SO, SOW	EPR	CPE
TC	XLP/EPR/PVC	CSPE/PVC/CPE/Neopr.
Welding Cable	EPR	EPDM/EPR
XHHW	XPE	XPE/PVC

Specifications for Sealing and Insulating Mastic Tapes

Product Name	Product Description	Tape Thickness	U.V. Resistance	Temp. Rating	Typical Applications
 Scotch® Vinyl Mastic 2200 and 2210	Excellent moisture sealant; tough vinyl backing; electrical insulating.	2200 - 125 mil 2210 - 90 mil	Excellent	176°F (80°C)	Insulate moisture-seal and pad connections up to 600V.
 Scotch® Moisture Sealant 06147 and 06149	Excellent moisture sealant; tough vinyl backing; electrical insulating.	6147 - 45 mil 6149 - 45 mil	Excellent	176°F (80°C)	Insulate moisture-seal and pad connections up to 600V.
 Scotch® Rubber Mastic Tape 2228	Self-fusing rubber based compound bonded to a moisture sealing mastic; all weather.	65 mil	No*	194°F (90°C) emergency overload of 266°F (130°C)	Insulate, pad and seal bus bar and splice connections.
 3M™ Scotch-Seal Mastic Tape Compound 2229	Conformable and durable mastic. Excellent moisture and environmental seal.	125 mil	No*	176°F (80°C)	Sealing high voltage cables and accessories.
 3M™ Scotchfil™ Black, Electrical Insulation Putty	Self-fusing, insulating putty in tape form.	125 mil	N/A	176°F (80°C)	Smooths irregularities on fittings and valves.
 Scotch® Cable Jacket Repair Tape 2234	Tough, black, self-healing, abrasion-resistant backing for jacket repair on industrial cables.	60 mil	No*	194° (90°C) Maximum	Abrasion and moisture resistant, flexible and quick on-site cable repairs.

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

Ordering Information for Sealing and Insulating Mastic Tapes

Product Number	UPC (054007-)	Size	Inner Unit Pack	Case Qty.
Scotch® Vinyl Mastic 2200 and 2210				
2200	11008	3-1/4" x 4-1/2" pads (83 mm x 114 mm)	10/box	50 pads
2200	21296	6-1/2" x 4-1/2" pads (165 mm x 114 mm)	10/box	50 pads
2210	11222	4" x 10' roll (102 mm x 3,05 m)	1/box	10
Scotch® Electrical Moisture Sealant 06147 and 06149				
06147	06147	2-1/2" x 10' (63 mm x 3,05 m)	1/roll	10 rolls
06149	06149	2-1/2" x 2-1/2" (63 mm x 63 mm)	25 pads/box	10
Scotch® Rubber Mastic Tape 2228				
2228	50727	1" x 10' (25 mm x 3,05 m)	N/A	12 rolls
2228	43478	2" x 3' (51 mm x 0,9 m)	N/A	48 rolls
2228	09656	2" x 10' (51 mm x 3,05 m)	N/A	10 rolls
3M™ Scotch-Seal Mastic Tape Compound 2229				
2229	49702	3-3/4" x 10' (102 mm x 3,05 m)	N/A	8 each
2229	50335	1" x 10' (25 mm x 3,05 m)	N/A	12 each
2229-P	41303	2-1/2" x 3-3/4" pads (63,5 mm x 95,25 mm)	10/box, 40/cs.	40 pads
2229-P	50336	3-3/4" x 3-3/4" pads (95,25 mm x 95,25 mm)	10/box, 40/cs.	40 pads
2229-P	50337	3-3/4" x 6-1/2" pads (95,25 mm x 165,1 mm)	N/A	40 pads
Scotch® Mastic Strip 2230				
2230	41813	5/8" x 6" (15,86 mm x 152,4 mm)	N/A	40 each
3M Scotchfil Electrical Insulation Putty				
2230	41750	1-1/2" x 60" (38 mm x 1,53 m)	4/ctn	12 rolls
Scotch® Cable Jacket Repair Tape 2234				
2234	57493*	2" x 6' (50,8 mm x 1,82 m)	10 rolls/box	10 rolls

* UPC prefix 051128-