

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
Mastics										
Scotch® Vinyl Mastic Tapes 2200 	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
Scotch® Vinyl Mastic Tapes 2210 	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
Scotch® Rubber Mastic Tape 2228 	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
3M™ Scotch-Seal™ Mastic Tape Compound 2229 	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
Scotch® Electrical Moisture Sealant 06147/06149 	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
Electrical Insulation										
3M™ Scotchfil™ Black, Electrical Insulation Putty 	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
Repair Tape										
Scotch® Cable Jacket Repair Tape 2234 	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

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

Country of manufacture to be used as an informational guide only, is subject to change at any time, and is not a valid legal representation of origin for government contract purposes. To obtain certifications, contact 3M Customer Service at 800 245 3573. If this literature is more than one year old, please contact Customer Service to request the latest revision of this brochure.


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Sealing and Insulating – Mastic Tapes

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