

Vinyl Electrical Tapes

Scotch® Vinyl 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°F (0°C) and 221°F (105°C). This tape is available in nine fade resistant colors.

Potential Applications:

- ♦ Color coding for phase identification, job identification and safety.
- ♦ Insulating electrical wiring.
- ♦ Protecting electrical conductors, motor leads and piping from moisture, alkalis, acids, corrosion, abrasion and weather.

Adhesive Material	Rubber Resin
Backing Material	Polyvinyl Chloride
Tape Grade	Premium
Tape Type	Vinyl
Operating Temperature	32 - 221°F (0 - 105°C)
Agency Approvals	UL Listed, CSA Certified, VDE 0340-TEIL1
EU RoHS Compliant	Yes
China RoHS - Below MCV	Yes



Order No.	UPC	Tape Color	Length	Width	Thickness	Breaking Strength	Packaging
35-GRAY-3/4	054007-00072	Gray	66'	0.75"	7 Milli-inch	17 lb/in (3.04 kN/m)	10 Rolls per Box
35-RED-1/2	054007-10224	Red	20'	0.50"	7 Milli-inch	17 lb/in (3.04 kN/m)	10 Rolls per Carton; 100 Rolls per Box
35-WHITE-1/2	054007-10232	White	20'	0.50"	7 Milli-inch	17 lb/in (3.04 kN/m)	10 Rolls per Carton; 100 Rolls per Box
35-BLUE-1/2	054007-10240	Blue	20'	0.50"	7 Milli-inch	17 lb/in (3.04 kN/m)	10 Rolls per Carton; 100 Rolls per Box
35-YELLOW-1/2	054007-10257	Yellow	20'	0.50"	7 Milli-inch	17 lb/in (3.04 kN/m)	10 Rolls per Carton; 100 Rolls per Box
35-GREEN-1/2	054007-10265	Green	20'	0.50"	7 Milli-inch	17 lb/in (3.04 kN/m)	10 Rolls per Carton; 100 Rolls per Box
35-ORANGE-1/2	054007-10273	Orange	20'	0.50"	7 Milli-inch	17 lb/in (3.04 kN/m)	10 Rolls per Carton; 100 Rolls per Box
35-GRAY-1/2	054007-10281	Gray	20'	0.50"	7 Milli-inch	17 lb/in (3.04 kN/m)	10 Rolls per Carton; 100 Rolls per Box
35-BROWN-1/2	054007-10299	Brown	20'	0.50"	7 Milli-inch	17 lb/in (3.04 kN/m)	10 Rolls per Carton; 100 Rolls per Box
35-RED-3/4	054007-10810	Red	66'	0.75"	7 Milli-inch	17 lb/in (3.04 kN/m)	10 Rolls per Box
35-WHITE-3/4	054007-10828	White	66'	0.75"	7 Milli-inch	17 lb/in (3.04 kN/m)	10 Rolls per Box
35-BLUE-3/4	054007-10836	Blue	66'	0.75"	7 Milli-inch	17 lb/in (3.04 kN/m)	10 Rolls per Box
35-YELLOW-3/4	054007-10844	Yellow	66'	0.75"	7 Milli-inch	17 lb/in (3.04 kN/m)	10 Rolls per Box
35-GREEN-3/4	054007-10851	Green	66'	0.75"	7 Milli-inch	17 lb/in (3.04 kN/m)	10 Rolls per Box
35-ORANGE-3/4	054007-10869	Orange	66'	0.75"	7 Milli-inch	17 lb/in (3.04 kN/m)	10 Rolls per Box
35-BROWN-3/4	054007-10885	Brown	66'	0.75"	7 Milli-inch	17 lb/in (3.04 kN/m)	10 Rolls per Box
35-VIOLET-3/4	054007-11271	Violet	66'	0.75"	7 Milli-inch	17 lb/in (3.04 kN/m)	10 Rolls per Box
35-VIOLET-1/2	054007-49923	Violet	20'	0.50"	7 Milli-inch	17 lb/in (3.04 kN/m)	10 Rolls per Carton; 100 Rolls per Box

Vinyl Electrical Tapes

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 -18°C (0°F) to 105°C (221°F). It has 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® Tape Super 88 is an Underwriters' Laboratories Listed and Canadian Standards Association Certified "Insulating Tape."

Potential Applications:

- ♦ Primary electrical insulation for all wire and cable splices rated up to 600 volts and 105°C (221°F).
- ♦ Primary electrical insulation for 600-volt bus applications, and protective jacketing for high- and low voltage bus.
- ♦ Protective jacketing for high-voltage cable splices and repair.
- ♦ Harnessing of wires and cables.

Adhesive Material	Rubber Resin
Backing Material	Polyvinyl Chloride
Tape Grade	Premium
Tape Type	Vinyl
Operating Temperature	0 - 221°F (-18 - 105°C)
Agency Approvals	UL 510 Standard "Insulating Tape" (product category OANZ), File E129200; CSA Standard C22.2 No. 197- M1983 "PVC Insulating Tape," File LR48769; ASTM D 3005 type 2, Mil-I-24391C, VDE 0340 TEIL 3-1, SS 404 09 75
EU RoHS	Yes
China RoHS	Yes



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

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® 22 seals in all kinds of weather and provides moisture-tight electrical and mechanical protection with fewer wraps than thinner tapes.

Applications:

- ♦ Primary electrical insulation for all wire and cable splices rated up to 600 volts and 80°C (176°F).
- ♦ Primary electrical insulation for 600 volt bus applications, and protective jacketing for low and high voltage bus.
- ♦ Protective jacketing for high voltage cable splices and repairs.
- ♦ Harnessing of wires and cables.

Adhesive Material	Rubber Resin
Backing Material	Polyvinyl Chloride
Tape Grade	Premium
Tape Type	Vinyl
Operating Temperature	15 - 176°F (-10 - 80°C)
Agency Approvals	UL Listed, CSA Certified, ASTM D 2301 Type 2, VDE 0340 TEIL 3-1, SS 404 09 75
EU RoHS	Yes
China RoHS	Yes



Order No.	UPC	Tape Color	Length	Width	Thickness	Breaking Strength	Agency Approvals	Packaging
22-1/2X36YD	054007-10026	Black	36 Yd	0.50"	10 Milli-inch	20 lb/in	UL Listed, CSA Certified, ASTM D 2301 Type 2, VDE 0340 TEIL 3-1, SS 404 09 75	12 Rolls per Carton; 48 Rolls per Box
22	054007-10034	Black	36 Yd	0.75"	10 Milli-inch	20 lb/in	UL Listed, CSA Certified, ASTM D 2301 Type 2, VDE 0340 TEIL 3-1, SS 404 09 75	12 Rolls per Carton; 48 Rolls per Case
22-1X36YD	054007-10042	Black	36 Yd	1.00"	10 Milli-inch	20 lb/in	UL Listed, CSA Certified, ASTM D 2301 Type 2, VDE 0340 TEIL 3-1, SS 404 09 75	12 Rolls per Carton; 48 Rolls per Box
22-1-1/2X36YD	054007-10059	Black	36 Yd	1.50"	10 Milli-inch	20 lb/in	UL Listed, CSA Certified, ASTM D 2301 Type 2, VDE 0340 TEIL 3-1, SS 404 09 75	12 Rolls per Box
22-2X36YD	054007-10067	Black	36 Yd	2.00"	10 Milli-inch	20 lb/in	UL Listed, CSA Certified, ASTM D 2301 Type 2, VDE 0340 TEIL 3-1, SS 404 09 75	12 Rolls per Box

Vinyl Electrical Tapes

3M™ Temflex™ Vinyl Electrical Tape 1700

3M™ Temflex™ 1700 Electrical Tape 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 (including sunlight). It is a polyvinyl chloride (PVC) tape that is flame-retardant and conformable. Temflex 1700 provides excellent mechanical protection with minimum bulk. It is a UL Listed and CSA Certified "Insulating Tape."

Potential Applications:

- ♦ Primary electrical insulation for all wire and cable splices rated up to 600 volts.
- ♦ Protective jacketing for high voltage cable splices and repairs.
- ♦ Harnessing of wires and cables.
- ♦ For indoor or outdoor applications.
- ♦ For above or below grade applications

Adhesive Material	Rubber Resin
Backing Material	Polyvinyl Chloride
Tape Grade	Economy
Tape Type	Vinyl
Operating Temperature	32 - 176°F (0 - 80°C)
Agency Approvals	UL Listed, CSA Certified, ASTM D 2301 type 1, MSHA
EU RoHS	Yes
China RoHS	Yes



Order No.	UPC	Tape Color	Length	Width	Thickness	Breaking Strength	Agency Approvals	Packaging
1700P-PRINTED-3/4X66FT	054007-08175	Black	67'	0.75"	7 Milli-inch	17 lb/in	UL Listed, CSA Certified, ASTM D 2301 type 1, MSHA	100 Rolls per Box
1700P-PRINTED-1-1/2X44FT	054007-08408	Black	44'	1.50"	7 Milli-inch	17 lb/in	UL Listed, CSA Certified, ASTM D 2301 type 1, MSHA	100 Rolls per Box
1700-1X66FT	054007-43962	Black	66'	1.00"	7 Milli-inch	17 lb/in	UL Listed, CSA Certified, ASTM D 2301 type 1	99 Rolls per Box
1700-3/4X36YD-1.5CORE	054007-49700	Black	36 Yd	0.75"	7 Milli-inch	17 lb/in	UL Listed, CSA Certified, ASTM D 2301 type 1	100 Rolls per Box
1700P-PRINTED-1-1/2X66FT	054007-50750	Black	66'	1.50"	7 Milli-inch	17 lb/in	UL Listed, CSA Certified, ASTM D 2301 type 1, MSHA	100 Rolls per Box
1700-3/4X66FT-1.5CORE	054007-49571	Black	66'	0.75"	7 Milli-inch	17 lb/in	UL Listed, CSA Certified, ASTM D 2301 type 1	100 Rolls per Box