

3M EMEA

Product Catalogue 2024

Electrical Market Division

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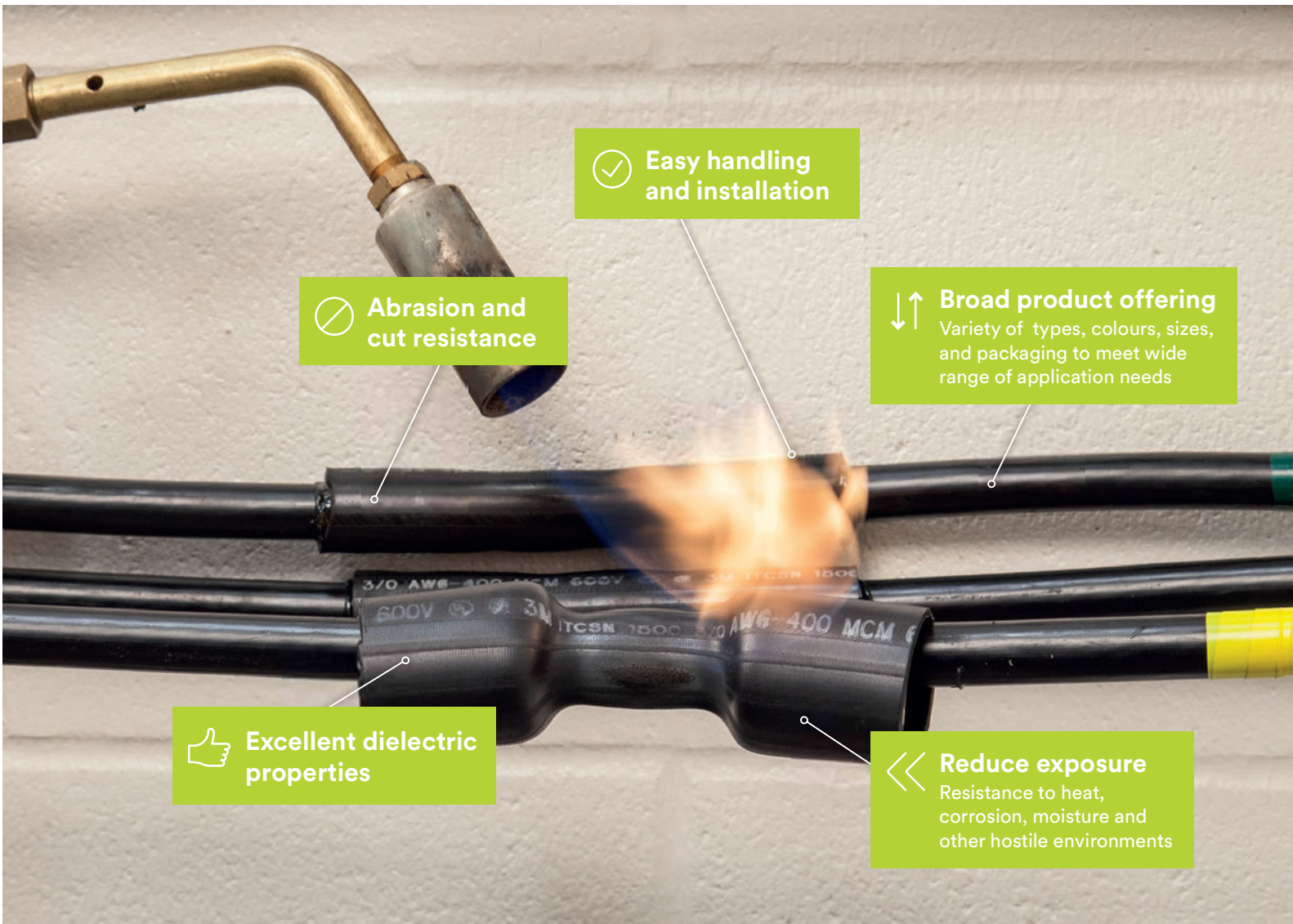
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Wire and Cable

We've got you covered.



Quality European manufactured heat shrink solutions

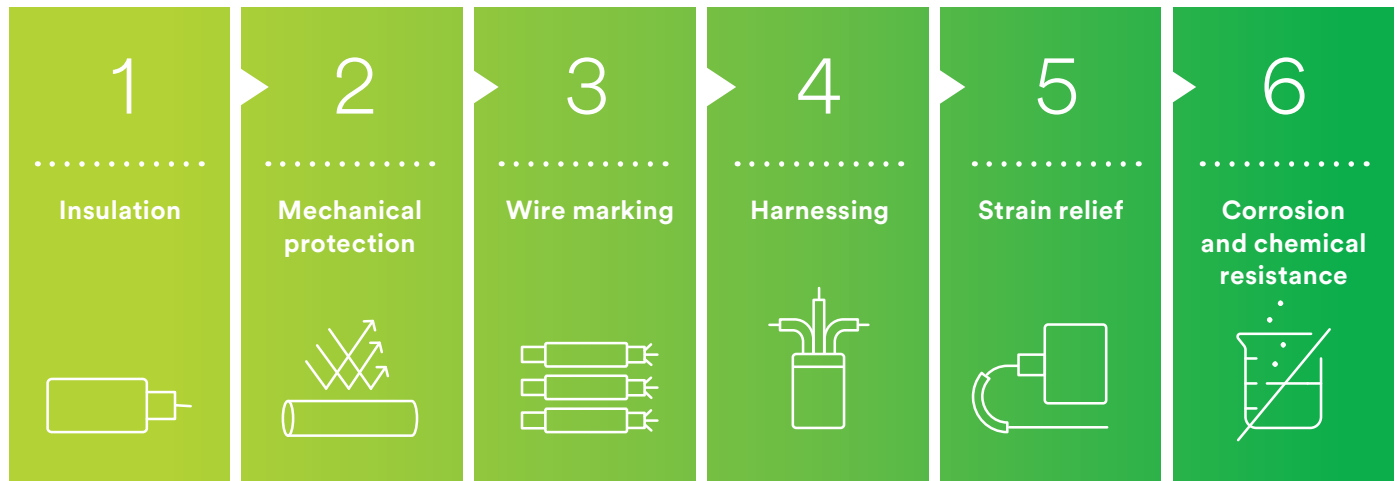
3M™ Heat Shrink products are easy to use solutions for insulation and protecting wire, cables, connections and components.

Manufactured in Europe, 3M tubing offers quality heat shrink solutions with the important advantages of simple installation, improved performance and long-term reliability.

Common 3M™ Heat Shrink applications.



3M™ Heat Shrink Tubing provides protection and insulation across a wide range of applications:



3M™ Heat Shrink solutions:

With 3M™ Heat Shrink, you can get the level of protection you want from a broad range of products.

Tubing

 Thin wall Wide range of halogen free, single wall polyolefin tubes, provides excellent insulation.	 Medium and heavy wall Providing dual layer reliable performance for splices, connections and terminations.
 Wrap-around repair sleeves Easy to use weather resistant repair sleeves.	 Low voltage heat shrink joints Insulation and mechanical protection of joints.

Molded pieces

 Cable breakout boots Ensures excellent insulation and void free sealing of cable breakouts.	 End caps Offers mechanical and environmental protection to cable ends.
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3M™ Heat Shrink Tubing selection guide.

Thin wall polyolefin

	GTI	GTI-Kits	GTI-3000	HSR	HSR-3000	CTW
Properties						
Colour						
Shrink ratio	2:1	2:1	3:1	2:1	3:1	2:1
Shrink temp.	135 °C	135 °C	135 °C	135 °C	135 °C	120 °C
Operating temp.	-55 to +135 °C	-55 to +135 °C	-55 to +135 °C	-55 to +135 °C	-55 to +135 °C	-55 to +105 °C
Relaxed tube length	1m	15cm	1m	12–3,5m*	10–5m*	400–25m*
Diameter range (min. recovery – max. expanded)	0,6–102mm (1,2–102)	1,6–19mm (3,2–19)	0,5–39 mm (1,5–39)	0,6–25,4mm (1,2–25,4)	0,5–24mm (1,5–24)	0,4–102mm (0,8–102)
Halogen free		x	x		x	
Flame retardant	x			x		x
Approval/ certificates						1) UL-224 105°C 2) UL listed E48398
Applications						
Electrical/power	x	x	x	x	x	x
Industrial	x	x	x	x	x	x
Railways/shipyards						x
Automotive	x		x	x	x	x
Electronics/ computer	x	x	x	x	x	x
Home improvement DIY	x	x	x			

* depends on diameter



Medium/heavy wall polyolefin

	HDT-A	HDT-AN	MDT	MDT-A	MDT-A-F471
Properties					
Colour	●	●	●	●	●
Adhesive liner	x	x		x	x
Shrink ratio	Max 4,5:1	Max 4,5:1	Max 4,5:1	Max 4,5:1	Max 4,5:1
Shrink temp.	135 °C	135 °C	135 °C	135 °C	135 °C
Operating temp.	-40 to +110 °C	-55 to +110 °C	-55 to +130 °C	-55 to +130 °C	-40 to +110 °C
Relaxed tube length	1m	1m	1m	1m	1m
Diameter range (min. recovery – max. expanded)	3-135mm (12-135)	3-130mm (12-130)	3-120mm (12-120)	3-120mm (12-120)	3-120mm (12-120)
Halogen free	x	x	x	x	x
Flame retardant	x				x
Approval/ certificates	Lloyds Register of shipment No 19/30007		Lloyds Register of shipment No 95/30032(E5)	Lloyds Register of shipment No 95/30032(E5)	DNV approval No TAE00003ZS Lloyds Register of shipment No 19/30007
Applications					
Electrical/power	x	x	x	x	x
Industrial	x	x	x	x	x
Railways/shipyards	x		x	x	x



3M™ Heat Shrink kits/moulded parts

	Cable End Cap SKE	Breakout Boot 2 Finger	Breakout Boot 3 Finger	Breakout Boot 4 Finger	Breakout Boot 5 Finger
Properties					
Operating temp.	-30 to +135 °C	-30 to +135 °C	-30 to +135 °C	-30 to +135 °C	-30 to +135 °C
Shrink temp.	120 °C	120 °C	120 °C	120 °C	120 °C
Halogen free	x	x	x	x	x
Available sizes	10/4 mm – 158/63 mm (Range 4–126 mm)	Neck diameter 30/9 – 50/21 mm Finger diameter 12/4 – 24/7 mm	Neck diameter 25/9 – 150/56 mm Finger diameter 9/3 – 64/28 mm	Neck diameter 28/9 – 117/36 mm Finger diameter 8/2 – 46/14 mm	Neck diameter 70/15 mm Finger diameter 20/3 mm
Shrink ratio	2,5:1	3:1	3:1	3:1	3:1
UV resistant	x	x	x	x	x



Wrap around kits (HDCW)

3M™ Heat Shrink Tubing HDCW is designed to repair quickly damaged cable jacketing. This wraparound sleeve can be used as insulation material on cable and splices up to 1000V and as jacket repair material on cable up to 35 kV.

		HDCW 35/10	HDCW 55/15	HDCW 80/25	HDCW 110/30	HDCW 140/40
Properties						
Standard length mm		250 – 1200 *				
Sleeve diameter	Recovered (max)	10mm	15mm	25mm	30mm	40mm
	As supplied (min)	35mm	55mm	80mm	110mm	140mm
Operating temp.		90 °C	90 °C	90 °C	90 °C	90 °C
Shrink temp.		120 °C	120 °C	120 °C	120 °C	120 °C
Halogen free		x	x	x	x	x
Shrink ratio		3,5:1	3,5:1	3,5:1	3,5:1	3,5:1

* Lengths may vary - please contact your local 3M sales representative for the full range



Power Cable Terminations

Focus

3M™ Cold Shrink Medium Voltage Termination Kit QT-III

3M™ Cold Shrink Medium Voltage termination Kit QT-III series with integrated sealing mastic. Thanks to the cold shrink silicon insulation body QT-III provides an easy and secure solution for medium voltage cable termination, with improved environmental resistant properties.



- Designed for polymeric power cable systems
- Wide application range covering cables between 50-630 mm²
- Fast and easy installation at temperatures ranging from -20 °C to +50 °C

Product Id	Part Number	Product	MOQ	Order Unit
7000099414		3M™ Cold Shrink Medium Voltage Termination Kit QT-III, 92-EP 621-1, up to 12 kV, 50-95 mm², indoor, Pack of 3 phases	1	Kit
7000099415	92EP6311	3M™ Cold Shrink Medium Voltage Termination Kit QT-III, 92-EP 631-1, up to 12 kV, 120-300 mm², indoor, Pack of 3 phases	1	Kit
7000099450		3M™ Cold Shrink Medium Voltage Termination Kit QT-III, 92-EP 641-1, up to 12 kV, 400-630 mm², indoor, Pack of 3 phases	1	Kit
7000092198	93EP6101	3M™ Cold Shrink Medium Voltage Termination Kit QT-III, 93-EP 610-1, up to 24 kV, 25-120 mm², indoor, Pack of 3 phases	3	Each
7000092180	93EP6201	3M™ Cold Shrink Medium Voltage Termination Kit QT-III, 93-EP 620-1, up to 24 kV, 95-240 mm², indoor, Pack of 3 phases	1	Each
7100095377		3M™ Cold Shrink Medium Voltage Termination Kit QT-III, 93-EP 630-1, up to 24 kV, 185-400 mm², indoor, Pack of 3 phases	3	Kit
7100095491		3M™ Cold Shrink Medium Voltage Termination Kit QT-III, 93-EP 640-1, up to 24 kV, 500-630 mm², indoor, Pack of 3 phases	3	Kit
7000092199		3M™ Cold Shrink Medium Voltage Termination Kit QT-III, 94-EP 620-2, up to 36 kV, 70-240 mm², outdoor, Pack of 3 phases	1	Each
7000092200		3M™ Cold Shrink Medium Voltage Termination Kit QT-III, 94-EP 630-2, up to 36 kV, 95-400 mm², outdoor, Pack of 3 phases	1	Each
7100041440		3M™ Cold Shrink Medium Voltage Termination Kit QT-III, 94-EP 640-2, up to 36 kV, 400-630 mm², outdoor, Pack of 3 phases	1	Each

Wire and Cable

3M™ Cold Shrink High Voltage Termination kit QTEN

3M™ Cold Shrink High Voltage Termination Kit QTEN is suitable for application up to 72.5 kV (U_{max}) single-core copper wire-screened cables. The silicone cold shrink insulation body provides an easy and secure solution for cable termination. The product options cover power cables up to 1600 mm² in size, kits available both with and without lug.



- High-Voltage termination up to 72.5 kV
- Product options cover cross sections up to 1600 mm²
- Silicone Cold Shrink body with integrated silicone rain sheds

Product Id	Part Number	Product	MOQ	Order Unit
7100134555		3M™ Cold Shrink High Voltage Termination Kit QTEN, 96-EP 720-2 E/C, cross section 240 - 400 mm ² , lug included, Pack 1 / Case	1	Kit
7100155042	QTEN720	3M™ Cold Shrink High Voltage Termination Kit QTEN, 96-EP 720-2, cross sections 120 - 1000 mm ² , Pack 1 / Case	1	Kit
7100206947		3M™ Cold Shrink High Voltage Termination Kit QTEN, 96-EP 721-2, cross sections 630 - 800 (solid) mm ² , lug included, Pack 1 / Case	1	Kit
7100193210		3M™ Cold Shrink High Voltage Termination Kit QTEN, 96-EP 722-2, cross sections 120 - 1000 mm ² , lead sheath shield, Pack 1 / Case	1	Kit
7100154720	96EP7302	3M™ Cold Shrink High Voltage Termination Kit QTEN, 96-EP 730-2, cross sections 500 - 1600 mm ² , Pack 1 / Case	1	Kit
7100154729		3M™ Cold Shrink High Voltage Termination Kit QTEN, 96-EP 732-2, cross sections 500 - 1600 mm ² , lead sheath shield, Pack 1 / Case	1	Kit
7100154732		3M™ Cold Shrink High Voltage Termination Kit QTEN, 96-EP 820-2, cross sections 120 - 1000 mm ² , inverted termination, Pack 1 / Case	12	Kit
7100154722		3M™ Cold Shrink High Voltage Termination Kit QTEN, 96-EP 830-2, cross sections 500 - 1600 mm ² , inverted termination, Pack 1 / Case	1	Each

Focus

3M™ Sensored Cable Accessory QX-2.0

3M™ Sensored Cable Accessories efficiently achieve visibility into the medium voltage (MV) power grid via real-time, accurate measurements of Voltage and Current at underground nodes throughout the MV distribution system.

- Real-Time measurements from medium-voltage power grid
- High accuracy analog Voltage and Current outputs help enable the measurements of phase and higher order harmonics
- Termination or Plug-In type of network interface



Product Id	Part Number	Product	MOQ	Order Unit
7100251158	SCAPI	3M™ Sensored Cable Accessory QX-2.0 92E 621-1 BI-V1I1-1-C 1, Application up to 12 kV, 1 Phase/Kit, 1 Kit/Case	1	Kit
7100251159	SCATERM	3M™ Sensored Cable Accessory QX-2.0 92E 621-1 TI-V1I1-1-C 1, Application up to 12 kV, 1 Phase/Kit, 1 Kit/Case	1	Kit
7100270245	24KVPLUGSCA	3M™ Sensored Cable Accessory QX-2.0 93E 625-1 BI-V2I1-1-C 1, Application up to 24 kV, 1 Phase/Kit, 1 Kit/Case	1	Kit
7100270244	24KVTERMSCA	3M™ Sensored Cable Accessory QX-2.0 93E 625-1 TI-V2I1-1-C 1, Application up to 24 kV, 1 Phase/Kit, 1 Kit/Case	1	Kit

Wire and Cable

3M™ Cold Shrink QT-II Termination Kit

3M™ Cold Shrink Medium Voltage termination kit QT II series, thanks to the cold shrink silicon insulation body provides an easy and secure solution for MV cable termination.

- Designed for 24 kV Umax voltage class, single and three-core, polymeric power cable systems
- Covers a wide range of cable cross sections
- Fast and easy installation at temperatures ranging from -20 °C to +50 °C



Product Id	Part Number	Product	MOQ	Order Unit
7000092176	92EB601	3M™ Cold Shrink QT-II Termination Kit, 92-EB 60-1, Pack of 3 phases	7	Each
7000092161	92EB621	3M™ Cold Shrink QT-II Termination Kit, 92-EB 62-1 Pack of 3 phases	1	Each
7000092162	92EB631	3M™ Cold Shrink QT-II Termination Kit, 92-EB 63-1 Pack of 3 phases	5	Each
7000092163	92EB641	3M™ Cold Shrink QT-II Termination Kit, 92-EB 64-1, Application up to 12KV Pack of 3 phases	45	Each
7000035235	92EB651	3M™ Cold Shrink QT-II Termination Kit, 92-EB 65-1, Application up to 12KV Pack of 3 phases	3	Each
7000035236	93EB651	3M™ Cold Shrink QT-II Termination Kit, 93-EB 65-1, Application up to 24KV Pack of 3 phases	1	Each
7000092174	94EB622	3M™ Cold Shrink QT-II Termination Kit, 94-EB 62-2, Pack of 3 phases	1	Each
7000092159	94EB642	3M™ Cold Shrink QT-II Termination Kit, 94-EB 64-2 Pack of 3 phases	2	Each
7100019540		3M™ Cold Shrink QT-II Termination Kit, 95-EB 62-2, Application up to 52 kV, 1 Phase / Pack	1	Kit
7100019549	95EB632	3M™ Cold Shrink QT-II Termination Kit, 95-EB 63-2, Application up to 52 kV Pack 3/case	3	Kit

3M™ Cold Shrink QT-II Outdoor Termination Kits 93-EB Series

3M™ Cold Shrink Medium Voltage termination kit QT II series, thanks to the cold shrink silicon insulation body provides an easy and secure solution for MV cable termination.

- The versatile design of the prefabricated onepiece cold shrink termination body allows fast and easy installation at temperatures ranging from - 20°C to + 50°C.
- Solderless earth connection using Constant Force springs.
- No heat or flame is needed during installation.



Product Id	Part Number	Product	MOQ	Order Unit
7000092168	93EB621	3M™ Cold Shrink QT-II Termination Kit 93-EB Series, 62-1 Pack of 3 phases	1	Each
7000092169	93EB631	3M™ Cold Shrink QT-II Termination Kit 93-EB Series, 63-1, Application up to 24KV Pack of 3 phases	1	Each
7000092170	93EB641	3M™ Cold Shrink QT-II Termination Kit 93-EB Series, 64-1, Application up to 24KV Pack of 3 phases	1	Each
7000092160	92EB611	3M™ Cold Shrink QT-II Termination Kit 93-EB Series, 92-EB 61-1, Application up to 12KV Pack of 3 phases	1	Each
7000092171	94EB621	3M™ Cold Shrink QT-II Termination Kit 93-EB Series, 94-EB 62-1 Pack of 3 phases	1	Each
7000092172	94EB631	3M™ Cold Shrink QT-II Termination Kit 93-EB Series, 94-EB 63-1 Pack of 3 phases	3	Each
7000092175	94EB632	3M™ Cold Shrink QT-II Termination Kit 93-EB Series, 94-EB 63-2 Pack of 3 phases	3	Each
7000092173	94EB641	3M™ Cold Shrink QT-II Termination Kit 93-EB Series, 94-EB 64-1 Pack of 3 phases	3	Each
7000092158	94EB651	3M™ Cold Shrink QT-II Termination Kit 93-EB Series, 94-EB 65-1, Application up to 36KV Pack of 3 phases	1	Each

Wire and Cable

Heat Shrink Tubing

Focus

3M™ GTI Heat Shrink Tubing Kits

3M™ Heat Shrink Tubing GTI is a flexible RoHS Heat Shrink Tubing range. The tubes have a crosslinked polyolefin flame retarded wall. They are designed to provide reliable performance for electrical splices, connections, and terminations up to 600 V. GTI Heat Shrink Tubes are available in many different colors and sizes with a 2:1 shrink ratio. This GTI Heat Shrink Tubing Kit is supplied in a practical sorting box (size 270mm x 160mm x 60mm).



- Balances electrical, physical and chemical properties for various industrial applications
- Offers shrink-fit protection and strain relief of wires, solder joints, terminals and connections
- Suitable for lightweight wire-harness covering, fire-resistant covering, wire marking, wire bundling and component packaging

Product Id	Part Number	Product	MOQ	Order Unit
7000037645	GTIBOXS	3M™ GTI Heat Shrink Tubing Kits Colour, Black, 1.6 - 19 mm, 150 mm	4	Kit

Focus

3M™ GTI-3000 Heat Shrink Tubing

3M™ Heat Shrink Tubing GTI-3000 is a range of flexible, thin walled RoHS Heat Shrink Tubes, made of cross-linked Halogen free Polyolefin. GTI 3000 provides good insulation protection in various industrial applications. They are also suitable for cable marking and identification applications. GTI 3000 tubes have a 3:1 shrink ratio and are available in the following colours: Clear, Black, Red, Yellow, Blue, White, Green, Grey and Green/Yellow striped.



- Balances electrical, physical and chemical properties for various industrial applications
- Offers shrink-fit protection and strain relief of wires, solder joints, terminals and connections
- Suitable for lightweight wire-harness covering, wire marking, wire bundling and component packaging

Product Id	Part Number	Product	MOQ	Order Unit
7100234731	GTI-3000 18/6 BK	3M™ GTI-3000 Heat Shrink Tubing, 18,0/6,0 mm Black	10	Each
7100234730	GTI-3000 39/13 BK	3M™ GTI-3000 Heat Shrink Tubing, Black, 39,0/13,0 mm	2	Each
7100054693	H33B	3M™ GTI-3000 Heat Shrink Tubing, Polyolefin, With Adhesive, Black, 33.0/8.0mm, 1 m Piece	50	Each
7000099210	GTI-3000 1.5/0.5 BK	3M™ GTI-3000 Heat Shrink Tubing, Polyolefin, Black, 1.5/0.5 mm, 1 m Piece	20	Each
7000037657	GTI-3000 3/1 BK	3M™ GTI-3000 Heat Shrink Tubing, Polyolefin, Black, 3.0/1.0 mm, 1 m Piece	20	Each
7000099246	GTI-3000 6/2 BK	3M™ GTI-3000 Heat Shrink Tubing, Polyolefin, Black, 6.0/2.0 mm, 1 m Piece	20	Each
7000099224	GTI-3000 24/8 BK	3M™ GTI-3000 Heat Shrink Tubing, Polyolefin, Black, 24.0/8.0 mm, 1 mPiece	5	Each
7000099209	GTI-3000 1.5/0.5 BE	3M™ GTI-3000 Heat Shrink Tubing, Polyolefin, Blue, 1.5/0.5 mm, 1 m Piece	20	Each
7000099231	GTI-3000 3/1 BE	3M™ GTI-3000 Heat Shrink Tubing, Polyolefin, Blue, 3.0/1.0 mm, 1 m Piece	20	Each
7000099245	GTI-3000 6/2 BE	3M™ GTI-3000 Heat Shrink Tubing, Polyolefin, Blue, 6.0/2.0 mm, 1 m Piece	20	Each
7000099253	GTI-3000 9/3 BE	3M™ GTI-3000 Heat Shrink Tubing, Polyolefin, Blue, 9.0/3.0 mm, 1 m Piece	20	Each
7000099216	GTI-3000 18/6 BE	3M™ GTI-3000 Heat Shrink Tubing, Polyolefin, Blue, 18.0/6.0 mm, 1 m Piece	10	Each
7000099223	GTI-3000 24/8 BE	3M™ GTI-3000 Heat Shrink Tubing, Polyolefin, Blue, 24.0/8.0 mm, 1 m Piece	5	Each
7000099238	GTI-3000 39/13 BE	3M™ GTI-3000 Heat Shrink Tubing, Polyolefin, Blue, 39.0/13.0 mm, 1 mPiece	2	Each
7000099211	GTI-3000 1.5/0.5 BN	3M™ GTI-3000 Heat Shrink Tubing, Polyolefin, Brown, 1.5/0.5 mm, 1 m Piece	20	Each

Wire and Cable

Focus

3M™ GTI-3000 Heat Shrink Tubing

3M™ Heat Shrink Tubing GTI-3000 is a range of flexible, thin walled RoHS Heat Shrink Tubes, made of cross-linked Halogen free Polyolefin. GTI 3000 provides good insulation protection in various industrial applications. They are also suitable for cable marking and identification applications. GTI 3000 tubes have a 3:1 shrink ratio and are available in the following colours: Clear, Black, Red, Yellow, Blue, White, Green, Grey and Green/Yellow striped.



- Balances electrical, physical and chemical properties for various industrial applications
- Offers shrink-fit protection and strain relief of wires, solder joints, terminals and connections
- Suitable for lightweight wire-harness covering, wire marking, wire bundling and component packaging

Product Id	Part Number	Product	MOQ	Order Unit
7000099232	GTI-3000 3/1 BN	3M™ GTI-3000 Heat Shrink Tubing, Polyolefin, Brown, 3.0/1.0 mm, 1 m Piece	20	Each
7000099247	GTI-3000 6/2 BN	3M™ GTI-3000 Heat Shrink Tubing, Polyolefin, Brown, 6.0/2.0 mm, 1 m Piece	20	Each
7000099254	GTI-3000 9/3 BN	3M™ GTI-3000 Heat Shrink Tubing, Polyolefin, Brown, 9.0/3.0 mm, 1 m Piece	20	Each
7000099217	GTI-3000 18/6 BN	3M™ GTI-3000 Heat Shrink Tubing, Polyolefin, Brown, 18.0/6.0 mm, 1 mPiece	10	Each
7000099225	GTI-3000 24/8 BN	3M™ GTI-3000 Heat Shrink Tubing, Polyolefin, Brown, 24.0/8.0 mm, 1 mPiece	5	Each
7000099239	GTI-3000 39/13 BN	3M™ GTI-3000 Heat Shrink Tubing, Polyolefin, Brown, 39.0/13.0 mm, 1 mPiece	2	Each
7100055005	GTIVE1	3M™ GTI-3000 Heat Shrink Tubing, Polyolefin, Green, 1.5/0.5 mm, 1 m Piece	20	Each
7100054695	GTIVE3	3M™ GTI-3000 Heat Shrink Tubing, Polyolefin, Green, 3.0/1.0 mm, 1 m Piece	20	Each
7100054697		3M™ GTI-3000 Heat Shrink Tubing, Polyolefin, Green, 6.0/2.0 mm, 1 m Piece	20	Each
7100054681	GTIVE9	3M™ GTI-3000 Heat Shrink Tubing, Polyolefin, Green, 9.0/3.0 mm, 1 m Piece	20	Each
7100054685	GTIVE18	3M™ GTI-3000 Heat Shrink Tubing, Polyolefin, Green, 18.0/6.0 mm, 1 mPiece	10	Each
7100054686	GTIVE24	3M™ GTI-3000 Heat Shrink Tubing, Polyolefin, Green, 24.0/8.0 mm, 1 mPiece	5	Each
7100054687	GTIVE39	3M™ GTI-3000 Heat Shrink Tubing, Polyolefin, Green, 39.0/13.0 mm, 1 mPiece	300	Each
7000099234	GTI-3000 3/1 GS	3M™ GTI-3000 Heat Shrink Tubing, Polyolefin, Green/Yellow Striped,3.0/1.0 mm, 1 m Piece	20	Each
7000099249	GTI-3000 6/2 GS	3M™ GTI-3000 Heat Shrink Tubing, Polyolefin, Green/Yellow Striped,6.0/2.0 mm, 1 m Piece	20	Each
7000099256	GTI-3000 9/3 GS	3M™ GTI-3000 Heat Shrink Tubing, Polyolefin, Green/Yellow Striped,9.0/3.0 mm, 1 m Piece	20	Each
7000099219	GTI-3000 18/6 GS	3M™ GTI-3000 Heat Shrink Tubing, Polyolefin, Green/Yellow Striped,18.0/6.0 mm, 1 m Piece	10	Each
7000099227	GTI-3000 24/8 GS	3M™ GTI-3000 Heat Shrink Tubing, Polyolefin, Green/Yellow Striped,24.0/8.0 mm, 1 m Piece	1	Each
7000099241	GTI-3000 39/13 GS	3M™ GTI-3000 Heat Shrink Tubing, Polyolefin, Green/Yellow Striped,39.0/13.0 mm, 1 m Piece	2	Each
7000099261	GTI-3000-3/1 GY	3M™ GTI-3000 Heat Shrink Tubing, Polyolefin, Grey, 3.0/1.0 mm, 1 m Piece	200	Each
7000099262	GTI-3000-6/2 GY	3M™ GTI-3000 Heat Shrink Tubing, Polyolefin, Grey, 6.0/2.0 mm, 1 m Piece	20	Each
7000099263	GTI-3000-9/3 GY	3M™ GTI-3000 Heat Shrink Tubing, Polyolefin, Grey, 9.0/3.0 mm, 1 m Piece	20	Each
7000099260	GTI-3000-18/6GY	3M™ GTI-3000 Heat Shrink Tubing, Polyolefin, Grey, 18.0/6.0 mm, 1 m Piece	10	Each
7100054719	GTIGR24	3M™ GTI-3000 Heat Shrink Tubing, Polyolefin, Grey, 24.0/8.0 mm, 1 m Piece	5	Each
7100054720		3M™ GTI-3000 Heat Shrink Tubing, Polyolefin, Grey, 39.0/13.0 mm, 1 mPiece	2	Each
7100043094		3M™ GTI-3000 Heat Shrink Tubing, Polyolefin, Multi, 6.0/2.0 mm, 1 m Piece	20	Each
7100043095		3M™ GTI-3000 Heat Shrink Tubing, Polyolefin, Multi, 9.0/3.0 mm, 1 m Piece	20	Each
7100043096		3M™ GTI-3000 Heat Shrink Tubing, Polyolefin, Multi, 18.0/6.0 mm, 1 m Piece	20	Each
7100043097		3M™ GTI-3000 Heat Shrink Tubing, Polyolefin, Multi, 24.0/8.0 mm, 1 m Piece	20	Each
7100043098		3M™ GTI-3000 Heat Shrink Tubing, Polyolefin, Multi, 39.0/13.0 mm, 1 m Piece	20	Each
7000099213	GTI-3000 1.5/0.5 RD	3M™ GTI-3000 Heat Shrink Tubing, Polyolefin, Red, 1.5/0.5 mm, 1 m Piece	20	Each

Wire and Cable

Focus

3M™ GTI-3000 Heat Shrink Tubing

3M™ Heat Shrink Tubing GTI-3000 is a range of flexible, thin walled RoHS Heat Shrink Tubes, made of cross-linked Halogen free Polyolefin. GTI 3000 provides good insulation protection in various industrial applications. They are also suitable for cable marking and identification applications. GTI 3000 tubes have a 3:1 shrink ratio and are available in the following colours: Clear, Black, Red, Yellow, Blue, White, Green, Grey and Green/Yellow striped.



- Balances electrical, physical and chemical properties for various industrial applications
- Offers shrink-fit protection and strain relief of wires, solder joints, terminals and connections
- Suitable for lightweight wire-harness covering, wire marking, wire bundling and component packaging

Product Id	Part Number	Product	MOQ	Order Unit
7000099235	GTI-3000 3/1 RD	3M™ GTI-3000 Heat Shrink Tubing, Polyolefin, Red, 3.0/1.0 mm, 1 m Piece	20	Each
7000099250	GTI-3000 6/2 RD	3M™ GTI-3000 Heat Shrink Tubing, Polyolefin, Red, 6.0/2.0 mm, 1 m Piece	20	Each
7000099257	GTI-3000 9/3 RD	3M™ GTI-3000 Heat Shrink Tubing, Polyolefin, Red, 9.0/3.0 mm, 1 m Piece	20	Each
7000099220	GTI-3000 18/6 RD	3M™ GTI-3000 Heat Shrink Tubing, Polyolefin, Red, 18.0/6.0 mm, 1 m Piece	10	Each
7000099228	GTI-3000 24/8 RD	3M™ GTI-3000 Heat Shrink Tubing, Polyolefin, Red, 24.0/8.0 mm, 1 m Piece	5	Each
7000099242	GTI-3000 39/13 RD	3M™ GTI-3000 Heat Shrink Tubing, Polyolefin, Red, 39.0/13.0 mm, 1 m Piece	2	Each
7000099212	GTI-3000 1.5/0.5 CR	3M™ GTI-3000 Heat Shrink Tubing, Polyolefin, Transparent, 1.5/0.5 mm, 1 m Piece	20	Each
7000099233	GTI-3000 3/1 CR	3M™ GTI-3000 Heat Shrink Tubing, Polyolefin, Transparent, 3.0/1.0 mm, 1 m Piece	20	Each
7000099248	GTI-3000 6/2 CR	3M™ GTI-3000 Heat Shrink Tubing, Polyolefin, Transparent, 6.0/2.0 mm, 1 m Piece	20	Each
7000099255	GTI-3000 9/3 CR	3M™ GTI-3000 Heat Shrink Tubing, Polyolefin, Transparent, 9.0/3.0 mm, 1 m Piece	20	Each
7000099218	GTI-3000 18/6 CR	3M™ GTI-3000 Heat Shrink Tubing, Polyolefin, Transparent, 18.0/6.0 mm, 1 m Piece	10	Each
7000099226	GTI-3000 24/8 CR	3M™ GTI-3000 Heat Shrink Tubing, Polyolefin, Transparent, 24.0/8.0 mm, 1 m Piece	5	Each
7000099240	GTI-3000 39/13 CR	3M™ GTI-3000 Heat Shrink Tubing, Polyolefin, Transparent, 39.0/13.0 mm, 1 m Piece	2	Each
7000099214	GTI-3000 1.5/0.5 WE	3M™ GTI-3000 Heat Shrink Tubing, Polyolefin, White, 1.5/0.5 mm, 1 m Piece	20	Each
7000099236	GTI-3000 3/1 WE	3M™ GTI-3000 Heat Shrink Tubing, Polyolefin, White, 3.0/1.0 mm, 1 m Piece	20	Each
7000099251	GTI-3000 6/2 WE	3M™ GTI-3000 Heat Shrink Tubing, Polyolefin, White, 6.0/2.0 mm, 1 m Piece	20	Each
7000099258	GTI-3000 9/3 WE	3M™ GTI-3000 Heat Shrink Tubing, Polyolefin, White, 9.0/3.0 mm, 1 m Piece	20	Each
7000099221	GTI-3000 18/6 WE	3M™ GTI-3000 Heat Shrink Tubing, Polyolefin, White, 18.0/6.0 mm, 1 m Piece	10	Each
7000099229	GTI-3000 24/8 WE	3M™ GTI-3000 Heat Shrink Tubing, Polyolefin, White, 24.0/8.0 mm, 1 m Piece	400	Each
7000099243	GTI-3000 39/13 WE	3M™ GTI-3000 Heat Shrink Tubing, Polyolefin, White, 39.0/13.0 mm, 1 m Piece	2	Each
7000099215	GTI-3000 1.5/0.5 YW	3M™ GTI-3000 Heat Shrink Tubing, Polyolefin, Yellow, 1.5/0.5 mm, 1 m Piece	20	Each
7000099237	GTI-3000 3/1 YW	3M™ GTI-3000 Heat Shrink Tubing, Polyolefin, Yellow, 3.0/1.0 mm, 1 m Piece	20	Each
7000099252	GTI-3000 6/2 YW	3M™ GTI-3000 Heat Shrink Tubing, Polyolefin, Yellow, 6.0/2.0 mm, 1 m Piece	20	Each
7000099259	GTI-3000 9/3 YW	3M™ GTI-3000 Heat Shrink Tubing, Polyolefin, Yellow, 9.0/3.0 mm, 1 m Piece	20	Each
7000099222	GTI-3000 18/6 YW	3M™ GTI-3000 Heat Shrink Tubing, Polyolefin, Yellow, 18.0/6.0 mm, 1 m Piece	10	Each
7000099230	GTI-3000 24/8 YW	3M™ GTI-3000 Heat Shrink Tubing, Polyolefin, Yellow, 24.0/8.0 mm, 1 m Piece	5	Each
7000099244	GTI-3000 39/13 YW	3M™ GTI-3000 Heat Shrink Tubing, Polyolefin, Yellow, 39.0/13.0 mm, 1 m Piece	2	Each
7100234732	GTI-3000 9/3 BK	3M™ GTI-3000 Heatshrink Tubing, 9,0/3,0 mm Black	20	Each

Wire and Cable

Focus

3M™ HSR-3000 Heat Shrink Tubing

3M™ Heat Shrink Tubing HSR-3000 is a range of flexible, thin walled RoHS Heat Shrink Tubes, made of cross-linked

Halogen free Polyolefin. HSR 3000 provides good insulation protection in various industrial applications. They are also suitable for cable marking and identification applications. HSR 3000 tubes have 3:1 shrink ratio and are available in the following colours: Clear, Black, Red, Yellow, Blue, White, Green, Grey and Green/Yellow striped.



- Balances electrical, physical and chemical properties for various industrial applications
- Offers shrink-fit protection and strain relief of wires, solder joints, terminals and connections
- Suitable for lightweight wire-harness covering, wire marking, wire bundling and component packaging

Product Id	Part Number	Product	MOQ	Order Unit
7000099135	HSRNE1.5	3M™ HSR-3000 Heat Shrink Tubing, Polyolefin, Black, 1.5/0.5 mm, 12 m Roll	5	Roll
7000099136	HSRNE3	3M™ HSR-3000 Heat Shrink Tubing, Polyolefin, Black, 3.0/1.0 mm, 10 m Roll	5	Roll
7000099137	HSRNE6	3M™ HSR-3000 Heat Shrink Tubing, Polyolefin, Black, 6.0/2.0 mm, 10 m Roll	5	Roll
7000099138	HSRNE9	3M™ HSR-3000 Heat Shrink Tubing, Polyolefin, Black, 9.0/3.0 mm, 7 m Roll	5	Roll
7000099139	HSRNE18	3M™ HSR-3000 Heat Shrink Tubing, Polyolefin, Black, 18.0/6.0 mm, 5 m Roll	5	Roll
7000099140	HSRNE24	3M™ HSR-3000 Heat Shrink Tubing, Polyolefin, Black, 24.0/8.0 mm, 5 m Roll	5	Roll
7000099154	HSRAZ1	3M™ HSR-3000 Heat Shrink Tubing, Polyolefin, Blue, 1.5/0.5 mm, 12 m Roll	3	Roll
7000099155	HSR-3000 3/1 BE	3M™ HSR-3000 Heat Shrink Tubing, Polyolefin, Blue, 3.0/1.0 mm, 10 m Roll	3	Roll
7000099156	HSRAZ6	3M™ HSR-3000 Heat Shrink Tubing, Polyolefin, Blue, 6.0/2.0 mm, 10 m Roll	3	Roll
7000099157	HSR-3000 9/3 BE	3M™ HSR-3000 Heat Shrink Tubing, Polyolefin, Blue, 9.0/3.0 mm, 7 m Roll	3	Roll
7000099158	HSRAZ18	3M™ HSR-3000 Heat Shrink Tubing, Polyolefin, Blue, 18.0/6.0 mm, 5 m Roll	3	Roll
7000099159	HSR-3000 24/8 BE	3M™ HSR-3000 Heat Shrink Tubing, Polyolefin, Blue, 24.0/8.0 mm, 5 m Roll	3	Roll
7000099180	HSRMA1	3M™ HSR-3000 Heat Shrink Tubing, Polyolefin, Brown, 1.5/0.5 mm, 12 m Roll	15	Roll
7000099181	HSR-3000 3/1 BN	3M™ HSR-3000 Heat Shrink Tubing, Polyolefin, Brown, 3.0/1.0 mm, 10 m Roll	3	Roll
7000099182	HSRMA6	3M™ HSR-3000 Heat Shrink Tubing, Polyolefin, Brown, 6.0/2.0 mm, 10 m Roll	15	Roll
7000099183	HSR-3000 9/3 BN	3M™ HSR-3000 Heat Shrink Tubing, Polyolefin, Brown, 9.0/3.0 mm, 7 m Roll	3	Roll
7000099184	HSRMA18	3M™ HSR-3000 Heat Shrink Tubing, Polyolefin, Brown, 18.0/6.0 mm, 5 m Roll	15	Roll
7000099185	HSRMA24	3M™ HSR-3000 Heat Shrink Tubing, Polyolefin, Brown, 24.0/8.0 mm, 5 m Roll	3	Roll
7000099175	HSR-3000 3/1 GS	3M™ HSR-3000 Heat Shrink Tubing, Polyolefin, Green/Yellow Striped, 3.0/1.0 mm, 10 m Roll	3	Roll
7000099176	HSR-3000 6/2 GS	3M™ HSR-3000 Heat Shrink Tubing, Polyolefin, Green/Yellow Striped, 6.0/2.0 mm, 10 m Roll	3	Roll
7000099177	HSR-3000 9/3 GS	3M™ HSR-3000 Heat Shrink Tubing, Polyolefin, Green/Yellow Striped, 9.0/3.0 mm, 7 m Roll	3	Roll
7000099178	HSRAV18	3M™ HSR-3000 Heat Shrink Tubing, Polyolefin, Green/Yellow Striped, 18.0/6.0 mm, 5 m Roll	3	Roll
7000099179	HSR-3000 24/8 GS	3M™ HSR-3000 Heat Shrink Tubing, Polyolefin, Green/Yellow Striped, 24.0/8.0 mm, 5 m Roll	3	Roll
7000099160	HSR-3000 3/1 GY	3M™ HSR-3000 Heat Shrink Tubing, Polyolefin, Grey, 3.0/1.0 mm, 10 m Roll	3	Roll
7000099167	HSRGR6	3M™ HSR-3000 Heat Shrink Tubing, Polyolefin, Grey, 6.0/2.0 mm, 10 m Roll	3	Roll
7000099174	HSR-3000 9/3 GY	3M™ HSR-3000 Heat Shrink Tubing, Polyolefin, Grey, 9.0/3.0 mm, 7 m Roll	15	Roll
7000099153	HSRGR18	3M™ HSR-3000 Heat Shrink Tubing, Polyolefin, Grey, 18.0/6.0 mm, 5 m Roll	15	Roll
7000099141	HSR-3000 1.5/0.5 RD	3M™ HSR-3000 Heat Shrink Tubing, Polyolefin, Red, 1.5/0.5 mm, 12 m Roll	15	Roll
7000099142	HSR-3000 3/1 RD	3M™ HSR-3000 Heat Shrink Tubing, Polyolefin, Red, 3.0/1.0 mm, 10 m Roll	3	Roll
7000099143	HSR-3000 6/2 RD	3M™ HSR-3000 Heat Shrink Tubing, Polyolefin, Red, 6.0/2.0 mm, 10 m Roll	3	Roll
7000099144	HSR-3000 9/3 RD	3M™ HSR-3000 Heat Shrink Tubing, Polyolefin, Red, 9.0/3.0 mm, 7 m Roll	3	Roll

Wire and Cable

Focus

3M™ HSR-3000 Heat Shrink Tubing

3M™ Heat Shrink Tubing HSR-3000 is a range of flexible, thin walled RoHS Heat Shrink Tubes, made of cross-linked

Halogen free Polyolefin. HSR 3000 provides good insulation protection in various industrial applications. They are also suitable for cable marking and identification applications. HSR 3000 tubes have 3:1 shrink ratio and are available in the following colours: Clear, Black, Red, Yellow, Blue, White, Green, Grey and Green/Yellow striped.



- Balances electrical, physical and chemical properties for various industrial applications
- Offers shrink-fit protection and strain relief of wires, solder joints, terminals and connections
- Suitable for lightweight wire-harness covering, wire marking, wire bundling and component packaging

Product Id	Part Number	Product	MOQ	Order Unit
7000099145	HSR-3000 18/6 RD	3M™ HSR-3000 Heat Shrink Tubing, Polyolefin, Red, 18.0/6.0 mm, 5 m Roll	3	Roll
7000099146	HSR-3000 24/8 RD	3M™ HSR-3000 Heat Shrink Tubing, Polyolefin, Red, 24.0/8.0 mm, 5 m Roll	3	Roll
7000099168	HSR-3000 1.5/0.5 CR	3M™ HSR-3000 Heat Shrink Tubing, Polyolefin, Transparent, 1.5/0.5 mm, 12m Roll	3	Roll
7000099169	HSRTR3	3M™ HSR-3000 Heat Shrink Tubing, Polyolefin, Transparent, 3.0/1.0 mm, 10m Roll	15	Roll
7000099170	HSR-3000 6/2 CR	3M™ HSR-3000 Heat Shrink Tubing, Polyolefin, Transparent, 6.0/2.0 mm, 10m Roll	3	Roll
7000099171	HSR-3000 9/3 CR	3M™ HSR-3000 Heat Shrink Tubing, Polyolefin, Transparent, 9.0/3.0 mm, 7 mRoll	3	Roll
7000099172	HSR-3000 18/6 CR	3M™ HSR-3000 Heat Shrink Tubing, Polyolefin, Transparent, 18.0/6.0 mm, 5m Roll	3	Roll
7000099173	HSR-3000 24/8 CR	3M™ HSR-3000 Heat Shrink Tubing, Polyolefin, Transparent, 24.0/8.0 mm, 5m Roll	3	Roll
7000099161	HSR-3000 1.5/0.5 WE	3M™ HSR-3000 Heat Shrink Tubing, Polyolefin, White, 1.5/0.5 mm, 12 m Roll	15	Roll
7000099162	HSR-3000 3/1 WE	3M™ HSR-3000 Heat Shrink Tubing, Polyolefin, White, 3.0/1.0 mm, 10 m Roll	45	Roll
7000099163	HSR-3000 6/2 WE	3M™ HSR-3000 Heat Shrink Tubing, Polyolefin, White, 6.0/2.0 mm, 10 m Roll	15	Roll
7000099164	HSR-3000 9/3 WE	3M™ HSR-3000 Heat Shrink Tubing, Polyolefin, White, 9.0/3.0 mm, 7 m Roll	3	Roll
7000099165	HSR-3000 18/6 WE	3M™ HSR-3000 Heat Shrink Tubing, Polyolefin, White, 18.0/6.0 mm, 5 m Roll	15	Roll
7000099166	HSR-3000 24/8 WE	3M™ HSR-3000 Heat Shrink Tubing, Polyolefin, White, 24.0/8.0 mm, 5 m Roll	15	Roll
7000099147	HSR-3000 1.5/0.5 YW	3M™ HSR-3000 Heat Shrink Tubing, Polyolefin, Yellow, 1.5/0.5 mm, 12 mRoll	15	Roll
7000099148	HSR-3000 3/1 YW	3M™ HSR-3000 Heat Shrink Tubing, Polyolefin, Yellow, 3.0/1.0 mm, 10 mRoll	3	Roll
7000099149	HSR-3000 6/2 YW	3M™ HSR-3000 Heat Shrink Tubing, Polyolefin, Yellow, 6.0/2.0 mm, 10 mRoll	3	Roll
7000099150	HSR-3000 9/3 YW	3M™ HSR-3000 Heat Shrink Tubing, Polyolefin, Yellow, 9.0/3.0 mm, 7 m Roll	15	Roll
7000099151	HSR-3000 18/6 YW	3M™ HSR-3000 Heat Shrink Tubing, Polyolefin, Yellow, 18.0/6.0 mm, 5 mRoll	3	Roll
7000099152	HSR-3000 24/8 YW	3M™ HSR-3000 Heat Shrink Tubing, Polyolefin, Yellow, 24.0/8.0 mm, 5 mRoll	3	Roll

Wire and Cable

Focus

3M™ MDT-A Heat Shrink Tubing

3M™ Heat Shrink Cable Sleeve MDT-A is a medium wall Heat Shrink Tubing range with hot melt adhesive, designed to provide reliable performance for electrical splices, connections and terminations up to 1.0 kV as well as mechanical and environmental protection. MDT-A Heat Shrink Tubes have a Halogen Free Polyolefin crosslinked outer wall and have a factory-applied adhesive inner layer.



- Balances electrical, physical and chemical properties for various industrial applications
- Offers shrink-fit protection and strain relief of wires, solder joints, terminals and connections
- Suitable for lightweight wire-harness covering, wire marking, wire bundling and component packaging

Product Id	Part Number	Product	MOQ	Order Unit
7100235035	MDT-A 19,0 A8	3M™ MDT-A Heat Shrink Tubing, Black, 19.0/6.0 mm	25	Each
7000037640	MDT-A 12,0 A8	3M™ MDT-A Heat Shrink Tubing, Polyolefin with Adhesive, Black, 12.0/3.0mm, 1 m Piece	25	Each
7000099264	MDT-A 12/3 Display-pack	3M™ MDT-A Heat Shrink Tubing, Polyolefin with Adhesive, Black, 12.0/3.0mm, 1 m Piece	10	Each
7000099101	MDT-A 12/3 Bulk-pack	3M™ MDT-A Heat Shrink Tubing, Polyolefin with Adhesive, Black, 12.0/3.0mm, 1 m Piece	750	Each
7100054712		3M™ MDT-A Heat Shrink Tubing, Polyolefin with Adhesive, Black, 12.0/3.0mm, 1 m Piece	50	Each
7000099265	MDT-A 19/6 Display-pack	3M™ MDT-A Heat Shrink Tubing, Polyolefin with Adhesive, Black, 19.0/6.0mm, 1 m Piece	5	Each
7000099102	MDT-A 19/6 Bulk	3M™ MDT-A Heat Shrink Tubing, Polyolefin with Adhesive, Black, 19.0/6.0mm, 1 m Piece	325	Each
7100054680		3M™ MDT-A Heat Shrink Tubing, Polyolefin with Adhesive, Black, 19.0/6.0mm, 1 m Piece	50	Each
7000037642	MDT-A 27,0 A8	3M™ MDT-A Heat Shrink Tubing, Polyolefin with Adhesive, Black, 27.0/7.5mm, 1 m Piece	15	Each
7000099266	MDT-A 27/7.5 Display-pack	3M™ MDT-A Heat Shrink Tubing, Polyolefin with Adhesive, Black, 27.0/7.5mm, 1 m Piece	3	Each
7000099103	M27B	3M™ MDT-A Heat Shrink Tubing, Polyolefin with Adhesive, Black, 27.0/7.5mm, 1 m Piece	175	Each
7100054682		3M™ MDT-A Heat Shrink Tubing, Polyolefin with Adhesive, Black, 27.0/7.5mm, 1 m Piece	50	Each
7000037643	MDT-A 32,0 A8	3M™ MDT-A Heat Shrink Tubing, Polyolefin with Adhesive, Black, 32.0/7.5mm, 1 m Piece	15	Each
7000099104	M32AB	3M™ MDT-A Heat Shrink Tubing, Polyolefin with Adhesive, Black, 32.0/7.5mm, 1 m Piece	125	Each
7100054715		3M™ MDT-A Heat Shrink Tubing, Polyolefin with Adhesive, Black, 32.0/7.5mm, 1 m Piece	50	Each
7000099267	MDT-A 32/7.5 Display-pack	3M™ MDT-A Heat Shrink Tubing, Polyolefin with Adhesive, Black, 32.0/7.5 mm, 1 m Piece	3	Each
7000037644	M38121000	3M™ MDT-A Heat Shrink Tubing, Polyolefin with Adhesive, Black, 38.0/12.0mm, 1 m Piece	15	Each
7000099268	MDT-A 38/12 Display-pack	3M™ MDT-A Heat Shrink Tubing, Polyolefin with Adhesive, Black, 38.0/12.0mm, 1 m Piece	2	Each
7000099105	M38AB	3M™ MDT-A Heat Shrink Tubing, Polyolefin with Adhesive, Black, 38.0/12.0mm, 1 m Piece	600	Each
7100054683		3M™ MDT-A Heat Shrink Tubing, Polyolefin with Adhesive, Black, 38.0/12.0mm, 1 m Piece	50	Each
7000099269	MDT-A 50/18 Display-pack	3M™ MDT-A Heat Shrink Tubing, Polyolefin with Adhesive, Black, 50.0/18.0mm, 1 m Piece	1	Each
7000037647	MDT-A 50/18 Bulk-pack	3M™ MDT-A Heat Shrink Tubing, Polyolefin with Adhesive, Black, 50.0/18.0mm, 1 m Piece	60	Each

Wire and Cable

Focus

3M™ MDT-A Heat Shrink Tubing

3M™ Heat Shrink Cable Sleeve MDT-A is a medium wall Heat Shrink Tubing range with hot melt adhesive, designed to provide reliable performance for electrical splices, connections and terminations up to 1.0 kV as well as mechanical and environmental protection. MDT-A Heat Shrink Tubes have a Halogen Free Polyolefin crosslinked outer wall and have a factory-applied adhesive inner layer.



- Balances electrical, physical and chemical properties for various industrial applications
- Offers shrink-fit protection and strain relief of wires, solder joints, terminals and connections
- Suitable for lightweight wire-harness covering, wire marking, wire bundling and component packaging

Product Id	Part Number	Product	MOQ	Order Unit
7000099086	M50181000	3M™ MDT-A Heat Shrink Tubing, Polyolefin with Adhesive, Black, 50.0/18.0 mm, 1 m Piece	10	Each
7000099270	MDT-A 70/26 Display-pack	3M™ MDT-A Heat Shrink Tubing, Polyolefin with Adhesive, Black, 70.0/26.0mm, 1 m Piece	1	Each
7000037648	MDT-A 70/26-BULK	3M™ MDT-A Heat Shrink Tubing, Polyolefin with Adhesive, Black, 70.0/26.0mm, 1 m Piece	40	Each
7000098913	M70261000	3M™ MDT-A Heat Shrink Tubing, Polyolefin with Adhesive, Black, 70.0/26.0 mm, 1 m Piece	10	Each
7000099271	MDT-A 90/36 Display-pack	3M™ MDT-A Heat Shrink Tubing, Polyolefin with Adhesive, Black, 90.0/36.0mm, 1 m Piece	1	Each
7000037649	MDT-A 90/36-BULK	3M™ MDT-A Heat Shrink Tubing, Polyolefin with Adhesive, Black, 90.0/36.0mm, 1 m Piece	32	Each
7000099087	M90361000	3M™ MDT-A Heat Shrink Tubing, Polyolefin with Adhesive, Black, 90.0/36.0 mm, 1 m Piece	5	Each
7000037650	MDT-A 120/40 Bulk	3M™ MDT-A Heat Shrink Tubing, Polyolefin with Adhesive, Black, 120.0/40.0mm, 1 m Piece	25	Each
7000099272	MDT-A 120/40 Display-pack	3M™ MDT-A Heat Shrink Tubing, Polyolefin with Adhesive, Black, 120.0/40.0mm, 1 m Piece	1	Each
7000098845	M120401000	3M™ MDT-A Heat Shrink Tubing, Polyolefin with Adhesive, Black, 120.0/40.0 mm, 1 m Piece	5	Each

Wire and Cable

3M™ Heat Shrink Tubing HDCW

3M™ Heat Shrink Tubing HDCW is designed to repair quickly damaged cable jacketing. This wraparound sleeve can be used as insulation material on cable and splices up to 1000V and as jacket repair material on cable up to 35 kV. The cross linked polyolefin construction has an adhesive that offers moisture seal protection.



- Excellent protection against mechanical stress
- Offers excellent corrosion protection on undamaged cables
- Rated for 35 kV applications

Product Id	Part Number	Product	MOQ	Order Unit
7100061969		3M™ Heat Shrink Tubing HDCW, 55/15 mm - 1500 mm	30	Each
7100057496		3M™ Heat Shrink Tubing HDCW, 80/25 mm - 1500 mm	5	Each
7100062044		3M™ Heat Shrink Tubing HDCW, 110/30 mm - 1500 mm	5	Each
7100062045		3M™ Heat Shrink Tubing HDCW, 140/40 mm - 1500 mm	5	Each
7000061639	HDCW 35/10-250	3M™ Heat Shrink Tubing HDCW, Wraparound Sleeve, 35/10 mm - 250 mm	5	Each
7000061638	HDCW 35/10-500	3M™ Heat Shrink Tubing HDCW, Wraparound Sleeve, 35/10 mm - 500 mm	5	Each
7000061637	HDCW 35/10-750	3M™ Heat Shrink Tubing HDCW, Wraparound Sleeve, 35/10 mm - 750 mm	5	Each
7000061636	HDCW 35/10-1000	3M™ Heat Shrink Tubing HDCW, Wraparound Sleeve, 35/10 mm - 1000 mm	5	Each
7000061635	HDCW 35/10-1200	3M™ Heat Shrink Tubing HDCW, Wraparound Sleeve, 35/10 mm - 1200 mm	5	Each
7000061431	HDCW 55/15-250	3M™ Heat Shrink Tubing HDCW, Wraparound Sleeve, 55/15 mm - 250 mm	5	Each
7000032369	HDCW 55/15-500	3M™ Heat Shrink Tubing HDCW, Wraparound Sleeve, 55/15 mm - 500 mm	5	Each
7000061432	HDCW 55/15-750	3M™ Heat Shrink Tubing HDCW, Wraparound Sleeve, 55/15 mm - 750 mm	5	Each
7000061433	HDCW 55/15-1000	3M™ Heat Shrink Tubing HDCW, Wraparound Sleeve, 55/15 mm - 1000 mm	5	Each
7000061434	HDCW 80/25-250	3M™ Heat Shrink Tubing HDCW, Wraparound Sleeve, 80/25 mm - 250 mm	5	Each
7000032372	W8025500	3M™ Heat Shrink Tubing HDCW, Wraparound Sleeve, 80/25 mm - 500 mm	5	Each
7000006639	HDCW 80/25-750	3M™ Heat Shrink Tubing HDCW, Wraparound Sleeve, 80/25 mm - 750 mm	5	Each
7000061435	W8025100	3M™ Heat Shrink Tubing HDCW, Wraparound Sleeve, 80/25 mm - 1000 mm	5	Each
7000061436	HDCW 110/30-250	3M™ Heat Shrink Tubing HDCW, Wraparound Sleeve, 110/30 mm - 250 mm	5	Each
7000032373	W1103050	3M™ Heat Shrink Tubing HDCW, Wraparound Sleeve, 110/30 mm - 500 mm	5	Each
7000061437	HDCW 110/30-750	3M™ Heat Shrink Tubing HDCW, Wraparound Sleeve, 110/30 mm - 750 mm	5	Each
7000061438	HDCW 110/30-1000	3M™ Heat Shrink Tubing HDCW, Wraparound Sleeve, 110/30 mm - 1000 mm	5	Each
7000061439	HDCW 140/40-250	3M™ Heat Shrink Tubing HDCW, Wraparound Sleeve, 140/40 mm - 250 mm	5	Each
7000032375	W1404050	3M™ Heat Shrink Tubing HDCW, Wraparound Sleeve, 140/40 mm - 500 mm	5	Each
7000032376	HDCW 140/40-750	3M™ Heat Shrink Tubing HDCW, Wraparound Sleeve, 140/40 mm - 750 mm	5	Each
7000061440	W1404010	3M™ Heat Shrink Tubing HDCW, Wraparound Sleeve, 140/40 mm - 1000 mm	5	Each
7000032378	HDCW 140/40-1200	3M™ Heat Shrink Tubing HDCW, Wraparound Sleeve, 140/40 mm - 1200 mm	5	Each

Wire and Cable

Focus

3M™ Heat Shrink Tubing HDT-A

3M™ Heat Shrink Cable Sleeve HDT-A is a rigid, heavy wall, halogen free, heat shrink tubing, designed to provide reliable performance for electrical splices, connections and terminations up to 1,0 kV, as well as mechanical and environmental protection. HDT-A heat shrink tubes have a flame-retardant polyolefin crosslinked outer wall with a factory-applied adhesive inner layer.



- Balances electrical, physical and chemical properties for various industrial and energy distribution applications
- Offers shrink-fit protection and strain relief of wires, solder joints, terminals and connections
- Made of polyolefin, shrink ratio up to 4.5:1

Product Id	Part Number	Product	MOQ	Order Unit
7100195516	HDT-A 115,0 A8	3M™ HDT-A Heatshrink Tubing 115, 0/38,0 mm, Black	5	Each
7100195509	HDTA30B	3M™ Heat Shrink Tubing HDT - A, Black, 30,0/8,0 mm, 1m	15	Each
7100195512		3M™ Heat Shrink Tubing HDT - A, Black, 55,0/15,0 mm, 1m	240	Each
7100195502	HDT-A30/8	3M™ Heat Shrink Tubing HDT, A, 30 / 8 mm, Black, 1 m, Display Pack	3	Each
7100194542		3M™ Heat Shrink Tubing HDT-A, 12,0/3,0 mm, Black, 1 m, Display-pack	10	Each
7100195511	HDT-A 48,0 A8	3M™ Heatshrink Tubing HDT-A, 48,0/15,0 mm, Black	10	Each

Focus

3M™ Heat Shrink Tubing MDT

3M™ Heat Shrink Cable Sleeve MDT is a rigid, medium wall tubing, designed to provide reliable performance for electrical splices, connections and terminations up to 1.0 kV as well as mechanical and environmental protection. MDT Heat Shrink Tubes have a RoHS Halogen Free Polyolefin crosslinked outer wall and have a factory-applied adhesive inner layer.



- Balances electrical, physical and chemical properties for various industrial and energy distribution applications
- Offers shrink-fit protection and strain relief of wires, solder joints, terminals and connections
- Made of polyolefin, shrink ratio up to 4.5:1

Product Id	Part Number	Product	MOQ	Order Unit
7000099079	MDT 12,0	3M™ Heat Shrink Tubing MDT, 12 / 3 mm, Black, 1 m, 1 Roll	25	Each
7000099080	MDT 19,0	3M™ Heat Shrink Tubing MDT, 19 / 6 mm, Black, 1 m, 1 Roll	25	Each
7000099081	MDT 27,0	3M™ Heat Shrink Tubing MDT, 27 / 8 mm, Black, 1 m, 1 Roll	15	Each
7000099082	MDT 32,0	3M™ Heat Shrink Tubing MDT, 32 / 7.5 mm, Black, 1 m, 1 Roll	15	Each
7000099083	MDT 38,0	3M™ Heat Shrink Tubing MDT, 38 / 12 mm, Black, 1 m, 1 Roll	15	Each
7000099084	MDT 50,0	3M™ Heat Shrink Tubing MDT, 50 / 18 mm, Black, 1 m, 1 Roll	10	Each
7000098844	MDT 70,0	3M™ Heat Shrink Tubing MDT, 70 / 26 mm, Black, 1 m, 1 Roll	10	Each
7000099085	MDT 90,0	3M™ Heat Shrink Tubing MDT, 90 / 36 mm, Black, 1 m, 1 Roll	5	Each
7000099097		3M™ Heat Shrink Tubing MDT, Yellow/Green, 12,0/3,0 mm, 20 m	40	Roll
7000099098		3M™ Heat Shrink Tubing MDT, Yellow/Green, 27,0/7,5 mm, 20 m	40	Roll

Wire and Cable

3M™ Heat Shrink Tubing SFTW-203

3M™ SFTW-203 is a thinwall polyolefin heatshrink tubing. Shrink ratio is 3:1, min. shrink temperature is 135°C, operating temperature is -55°C to +135°C. RoHS compliant, flame retardant - self extinguishing. Good chemical resistance.



- Balances electrical, physical and chemical properties for various industrial applications
- Offers shrink-fit protection and strain relief of wires, solder joints, terminals and connections
- Suitable for lightweight wire-harness covering, fire-resistant covering, wire bundling and component packaging

Product Id	Part Number	Product	MOQ	Order Unit
7000098916	SFTW-203 1.5 BK	3M™ Heat Shrink Tubing SFTW-203, 1.5 / 0.5 mm, Black, 400 m, 1 Roll	1	Roll
7000098978	SFTW-203 1.5 CR	3M™ Heat Shrink Tubing SFTW-203, 1.5 / 0.5 mm, Clear, 400 m, 1 Roll	1	Roll
7000098917	SFTW-203 3.0 BK	3M™ Heat Shrink Tubing SFTW-203, 3 / 1 mm, Black, 400 m, 1 Roll	1	Roll
7000098918	SFTW-203 6.0 BK	3M™ Heat Shrink Tubing SFTW-203, 6 / 2 mm, Black, 300 m, 1 Roll	1	Roll
7000098980	SFTW-203 6.0 CR	3M™ Heat Shrink Tubing SFTW-203, 6 / 2 mm, Clear, 300 m, 1 Roll	1	Roll
7000098919	SFTW-203 9.0 BK	3M™ Heat Shrink Tubing SFTW-203, 9 / 3 mm, Black, 150 m, 1 Roll	1	Roll
7000098920	SFTW-203 12.0 BK	3M™ Heat Shrink Tubing SFTW-203, 12 / 3 mm, Black, 100 m, 1 Roll	1	Roll
7000098982	SFTW-203 12.0 CR	3M™ Heat Shrink Tubing SFTW-203, 12 / 4 mm, Clear, 100 m, 1 Roll	1	Roll
7000098921	SFTW-203 18.0 BK	3M™ Heat Shrink Tubing SFTW-203, 18 / 6 mm, Black, 50 m, 1 Roll	1	Roll
7000098922	SFTW-203 24.0 BK	3M™ Heat Shrink Tubing SFTW-203, 24 / 8 mm, Black, 50 m, 1 Roll	1	Roll
7000098984	SFTW-203 24.0 CR	3M™ Heat Shrink Tubing SFTW-203, 24 / 8 mm, Clear, 50 m, 1 Roll	1	Roll
7000098923	SFTW-203 39.0 BK	3M™ Heat Shrink Tubing SFTW-203, 39 / 13 mm, Black, 50 m, 1 Roll	1	Roll
7000098985	SFTW-203 39.0 CR	3M™ Heat Shrink Tubing SFTW-203, 39 / 13 mm, Clear, 50 m, 1 Roll	1	Roll

Focus

3M™ GTI-A 3000 Heat Shrink Tubing

3MTM GTI-A 3000 tubes are coextruded with an inner sealing layer. The inner sealing layer gives a good sealing of complex parts while the outer wall gives a good mechanical protection of these parts. GTI-A 3000 have a shrink ratio of 3:1.



- Balances electrical, physical and chemical properties for various industrial applications
- Offers shrink-fit protection and strain relief of wires, solder joints, terminals and connections
- Suitable for lightweight wire-harness covering, wire marking, wire bundling and component packaging

Product Id	Part Number	Product	MOQ	Order Unit
7000037665	GTI-A 3000 3/1 BK	3M™ GTI-A 3000 Heat Shrink Tubing, Polyolefin, With Inner Sealing , Black,3.0/1.0 mm, 1 m Piece	20	Each
7000037664	GTI-A 3000 18/6 BK	3M™ GTI-A 3000 Heat Shrink Tubing, Polyolefin, With Inner Sealing, Black,18.0/6.0 mm, 1 m Piece	10	Each
7000037666	GTI-A 3000 39/13 BK	3M™ GTI-A 3000 Heat Shrink Tubing, Polyolefin, With Inner Sealing, Black,40.0/13.0 mm, 1 m Piece	2	Each
7000037667	GTI-A 3000 9/3 BK	3M™ GTI-A 3000 Heat Shrink Tubing, Polyolefin, With Inner Sealing, Black,9.0/3.0 mm, 1 m Piece	20	Each

Wire and Cable

Focus

3M™ HDT-AN Heat Shrink Tubing

3M™ HDT-AN is a heavy wall, halogen free heat shrink tubing range, designed to provide reliable performance for electrical splices, connections and terminations up to 1,0 kV, as well as mechanical and environmental protection. HDT-AN heat shrink tubes have a halogen-free polyolefin crosslinked outer wall with a factory-applied adhesive inner layer.



- Balances electrical, physical and chemical properties for various industrial applications
- Offers shrink-fit protection and strain relief of wires, solder joints, terminals and connections
- Suitable for lightweight wire-harness covering, wire marking, wire bundling and component packaging

Product Id	Part Number	Product	MOQ	Order Unit
7000099375	H1231000	3M™ HDT-AN Heat Shrink Tubing, Polyolefin with Adhesive, Black, 12.0/3.0mm, 1 m Piece	15	Each
7000099376	HDT-AN-15/4 DISPLAY	3M™ HDT-AN Heat Shrink Tubing, Polyolefin with Adhesive, Black, 15.0/4.0mm, 1 m Piece	15	Each
7000099377	HDT-AN-22/6 DISPLAY	3M™ HDT-AN Heat Shrink Tubing, Polyolefin with Adhesive, Black, 22.0/6.0mm, 1 m Piece	8	Each
7100054684	H22B	3M™ HDT-AN Heat Shrink Tubing, Polyolefin with Adhesive, Black, 22.0/6.0mm, 1 m Piece	50	Each
7000099378	HDT-AN-33/8 DISPLAY	3M™ HDT-AN Heat Shrink Tubing, Polyolefin with Adhesive, Black, 33 mm / 8 mm, 1 m Piece	3	Each
7000099379	H43121000	3M™ HDT-AN Heat Shrink Tubing, Polyolefin with Adhesive, Black, 43.0/12.0mm, 1 m Piece	2	Each
7100054694	H43B	3M™ HDT-AN Heat Shrink Tubing, Polyolefin with Adhesive, Black, 43.0/12.0mm, 1 m Piece	50	Each
7000099380	H55151000	3M™ HDT-AN Heat Shrink Tubing, Polyolefin with Adhesive, Black, 55.0/15.0mm, 1 m Piece	1	Each
7000099381	HDT-AN-65/16 DISPLAY	3M™ HDT-AN Heat Shrink Tubing, Polyolefin with Adhesive, Black, 65.0/16.0mm, 1 m Piece	1	Each
7000099382	H70211000	3M™ HDT-AN Heat Shrink Tubing, Polyolefin with Adhesive, Black, 70 mm, 1m Piece	1	Each
7000099383	H85251000	3M™ HDT-AN Heat Shrink Tubing, Polyolefin with Adhesive, Black, 85.0/25.0mm, 1 m Piece	1	Each
7000099384	H10526100	3M™ HDT-AN Heat Shrink Tubing, Polyolefin with Adhesive, Black, 105 mm, 1m Piece	1	Each
7000099385	H13036100	3M™ HDT-AN Heat Shrink Tubing, Polyolefin with Adhesive, Black, 130 mm, 1m Piece	1	Each

Wire and Cable

Focus

3M™ HSR Heat Shrink Tubing

3M™ Heat Shrink Tubing HSR is a thin wall Heat Shrink Tubing range, designed to provide reliable performance for electrical splices, connections, and terminations up to 600 V. HSR Heat Shrink Tubes have a flame-retardant polyolefin crosslinked wall and a Shrink ratio of 2:1.



- Balances electrical, physical and chemical properties for various industrial applications
- Offers shrink-fit protection and strain relief of wires, solder joints, terminals and connections
- Suitable for lightweight wire-harness covering, wire marking, wire bundling and component packaging

Product Id	Part Number	Product	MOQ	Order Unit
7100235045	HSR 9.5/4.8 BK	3M™ HSR Heat Shrink Tubing, 9.5/4.8 mm, Black, Dispenser Box	5	Roll
7100235046	HSR 12.7/6.4 BK	3M™ HSR Heat Shrink Tubing, 12.7/6.4 mm, Black, Dispenser Box	5	Roll
7000099045	HSR 1.2/0.6 BK	3M™ HSR Heat Shrink Tubing, Polyolefin, Black, 1.2/0.6 mm, 12 m Roll	1	Roll
7000099046	HSR 1.6/0.8 BK	3M™ HSR Heat Shrink Tubing, Polyolefin, Black, 1.6/0.8 mm, 12 m Roll	5	Roll
7000099047	HSR 2.4/1.2 BK	3M™ HSR Heat Shrink Tubing, Polyolefin, Black, 2.4/1.2 mm, 11 m Roll	5	Roll
7000099048	HSR 3.2/1.6 BK	3M™ HSR Heat Shrink Tubing, Polyolefin, Black, 3.2/1.6 mm, 11 m Roll	5	Roll
7000099049	HSR 4.8/2.4 BK	3M™ HSR Heat Shrink Tubing, Polyolefin, Black, 4.8/2.4 mm, 10 m Roll	5	Roll
7000099050	HSR 6.4/3.2 BK	3M™ HSR Heat Shrink Tubing, Polyolefin, Black, 6.4/3.2 mm, 9 m Roll	5	Roll
7000099053	HSR 19.0/9.5 BK	3M™ HSR Heat Shrink Tubing, Polyolefin, Black, 19.0/9.5 mm, 5 m Roll	5	Roll
7000099054	HSR 25.4/12.7 BK	3M™ HSR Heat Shrink Tubing, Polyolefin, Black, 25.4/12.7 mm, 3.5 m Roll	5	Roll
7000099062	HSR 3.2/1.6 GS	3M™ HSR Heat Shrink Tubing, Polyolefin, Green/Yellow Striped, 3.2/1.6 mm, 11 m Roll	60	Roll
7000099063	HSR 4.8/2.4 GS	3M™ HSR Heat Shrink Tubing, Polyolefin, Green/Yellow Striped, 4.8/2.4 mm, 10 m Roll	30	Roll
7000099064	HSR 6.4/3.2 GS	3M™ HSR Heat Shrink Tubing, Polyolefin, Green/Yellow Striped, 6.4/3.2 mm, 9 m Roll	3	Roll
7000099065	HSR 9.5/4.8 GS	3M™ HSR Heat Shrink Tubing, Polyolefin, Green/Yellow Striped, 9.5/4.8 mm, 7 m Roll	3	Roll
7000099066	HSR 12.7/6.4 GS	3M™ HSR Heat Shrink Tubing, Polyolefin, Green/Yellow Striped, 12.7/6.4 mm, 6 m Roll	3	Roll
7000099067	HSR 19.0/9.5 GS	3M™ HSR Heat Shrink Tubing, Polyolefin, Green/Yellow Striped, 19.0/9.5 mm, 5 m Roll	3	Roll
7000099068	HSR 25.4/12.7 GS	3M™ HSR Heat Shrink Tubing, Polyolefin, Green/Yellow Striped, 25.4/12.7 mm, 3.5 m Roll	15	Roll

3M™ MDT-A-F471 Heat Shrink Tubing

3M™ Heat Shrink Cable Sleeve MDT-A F471 is a medium wall, halogen free heat shrink tubing range, designed to provide reliable performance for electrical splices, connections and terminations up to 1,0 kV, as well as mechanical and environmental protection. MDT-AF 471 heat shrink tubes have a flame-retardant polyolefin crosslinked outer wall with a factory-applied adhesive inner layer.



- Balances electrical, physical and chemical properties for various industrial applications
- Offers shrink-fit protection and strain relief of wires, solder joints, terminals and connections
- Suitable for lightweight wire-harness covering, wire marking, wire bundling and component packaging

Product Id	Part Number	Product	MOQ	Order Unit
7100195527		3M™ MDT-A-F471 Heat Shrink Tubing, Polyolefin with Adhesive, Black, 19.0/6.0 mm, 1 m Piece	25	Each

Wire and Cable

3M™ SFTW-202A Heat Shrink Tubing

3M™ Heat Shrink Tubing SFTW 202A is a flexible RoHS Heat Shrink Tubing range. The tubes have a polyolefin flame retarded wall. They are designed to provide reliable performance for electrical splices, connections, and terminations up to 600 V. SFTW- 202A tubes are available in many different colors and have an 2:1 shrink ratio.



- Balances electrical, physical and chemical properties for various industrial applications
- Offers shrink-fit protection and strain relief of wires, solder joints, terminals and connections
- Suitable for lightweight wire-harness covering, wire marking, wire bundling and component packaging

Product Id	Part Number	Product	MOQ	Order Unit
7000098988	SFTW-202A 1,6 BK	3M™ SFTW-202A Heat Shrink Tubing, Polyolefin, Black, 1.6/0.8 mm, 100 mRoll	1	Roll
7000098882	SFTW-202A 3,2 BK	3M™ SFTW-202A Heat Shrink Tubing, Polyolefin, Black, 3.2/1.6 mm, 400 m Roll	1	Roll
7000098883	SFTW-202A 4,8 BK	3M™ SFTW-202A Heat Shrink Tubing, Polyolefin, Black, 4.8/2.4 mm, 300 m Roll	1	Roll
7000098884	SFTW-202A 6,4 BK	3M™ SFTW-202A Heat Shrink Tubing, Polyolefin, Black, 6.4/3.2 mm, 300 m Roll	1	Roll
7000098885	SFTW-202A 9,5 BK	3M™ SFTW-202A Heat Shrink Tubing, Polyolefin, Black, 9.5/4.8 mm, 150 mRoll	1	Roll
7000098887	SFTW-202A 12,7 BK	3M™ SFTW-202A Heat Shrink Tubing, Polyolefin, Black, 12.7/6.4 mm, 100 mRoll	1	Roll
7000098889	SFTW-202A 19,0 BK	3M™ SFTW-202A Heat Shrink Tubing, Polyolefin, Black, 19.0/9.5 mm, 50 mRoll	1	Roll
7000098890	SFTW-202A 25,4 BK	3M™ SFTW-202A Heat Shrink Tubing, Polyolefin, Black, 25.4/12.7 mm, 50 mRoll	1	Roll
7000098895	SFTW-202A 51,0 BK	3M™ SFTW-202A Heat Shrink Tubing, Polyolefin, Black, 51.0/25.4 mm, 35 mRoll	1	Roll
7000098899	SFTW-202A 76,0 BK	3M™ SFTW-202A Heat Shrink Tubing, Polyolefin, Black, 76.0/38.0 mm, 25 mRoll	1	Roll
7000099017	SFTW-202A 4.8 BE	3M™ SFTW-202A Heat Shrink Tubing, Polyolefin, Blue, 4.8/2.4 mm, 75 m Roll	1	Roll
7100041445		3M™ SFTW-202A Heat Shrink Tubing, Polyolefin, Green/Yellow Striped, 6.4/3.2 mm, 0.145 m Piece	500	Each
7000099123	SFTW-202A 12.7 GS	3M™ SFTW-202A Heat Shrink Tubing, Polyolefin, Green/Yellow Striped, 12.7/6.4 mm, 50 m Roll	1	Roll
7000099011	SFTW-202A 19.0 RD	3M™ SFTW-202A Heat Shrink Tubing, Polyolefin, Red, 19.0/9.5 mm, 25 m Roll	1	Roll

3M™ SFTW-202B Heat Shrink Tubing

3M™ Heat Shrink Tubing SFTW 202B is a halogen free and RoHS Heat Shrink Tubing range. The tubes have a polyolefin flexible transparent wall. They are designed to provide reliable performance for electrical splices, connections, and terminations up to 600 V. SFTW-202B tubes are only available in clear and have a 2:1 shrink ratio.



- Balances electrical, physical and chemical properties for various industrial applications
- Offers shrink-fit protection and strain relief of wires, solder joints, terminals and connections
- Suitable for lightweight wire-harness covering, wire marking, wire bundling and component packaging

Product Id	Part Number	Product	MOQ	Order Unit
7000099027	SFTW-202B 6.4 CR	3M™ SFTW-202B Heat Shrink Tubing, Polyolefin, Transparent, 4.8/2.4 mm, 75 m Roll	1	Roll
7000099028	SFTW-202B 9.5 CR	3M™ SFTW-202B Heat Shrink Tubing, Polyolefin, Transparent, 9.5/4.8 mm, 50m Roll	1	Roll
7000099029	SFTW-202B 12.7 CR	3M™ SFTW-202B Heat Shrink Tubing, Polyolefin, Transparent, 12.7/6.4 mm, 50 m Roll	1	Roll
7000098894	SFTW-202B 38.0 CR	3M™ SFTW-202B Heat Shrink Tubing, Polyolefin, Transparent, 38.0/19.0 mm, 50 m Roll	1	Roll

Wire and Cable

3M™ Heat Shrink Silicone Tubes CTW

3M™ CTW-602 is a thinwall Polyolefin heatshrink tubing. Shrink ratio is 2:1, min. shrink temperature is 120°C, operating temperature is -55°C to +105°C. RoHS compliant, flame retardant - self extinguishing. Good chemical resistance.

- Balances electrical, physical and chemical properties for various industrial applications
- Offers shrink-fit protection and strain relief of wires, solder joints, terminals and connections
- Suitable for lightweight wire-harness covering, fire-resistant covering, wire bundling and component packaging



Product Id	Part Number	Product	MOQ	Order Unit
7000098909	CTW-602 1,2 BK	3M™ CTW-602 Heat Shrink Tubing Polyolefin, Black, 1.2/0.6 mm, 400 m Roll	1	Roll
7000098908	CTW-602 1,6 BK	3M™ CTW-602 Heat Shrink Tubing Polyolefin, Black, 1.6/0.8 mm, 400 m Roll	1	Roll
7000098846	CTW-602 2,4 BK	3M™ CTW-602 Heat Shrink Tubing Polyolefin, Black, 2.4/1.2 mm, 400 m Roll	1	Roll
7000098847	CTW-602 3,2 BK	3M™ CTW-602 Heat Shrink Tubing Polyolefin, Black, 3.2/1.6 mm, 400 m Roll	1	Roll
7000098907	CTW-602 4,8 BK	3M™ CTW-602 Heat Shrink Tubing Polyolefin, Black, 4.8/2.4 mm, 300 m Roll	1	Roll
7000098848	CTW-602 6,4 BK	3M™ CTW-602 Heat Shrink Tubing Polyolefin, Black, 6.4/3.2 mm, 300 m Roll	1	Roll
7000098849	CTW-602 9,5 BK	3M™ CTW-602 Heat Shrink Tubing Polyolefin, Black, 9.5/4.8 mm, 150 m Roll	1	Roll
7000098906	CTW-602 12,7 BK	3M™ CTW-602 Heat Shrink Tubing Polyolefin, Black, 12.7/6.4 mm, 100 m Roll	5	Roll
7000098850	CTW-602 19,0 BK	3M™ CTW-602 Heat Shrink Tubing Polyolefin, Black, 19.0/9.5 mm, 50 m Roll	10	Roll
7000037626	CTW-602 25,4 BK	3M™ CTW-602 Heat Shrink Tubing Polyolefin, Black, 25.4/12.7 mm, 50 m Roll	5	Roll
7000037627	CTW380	3M™ CTW-602 Heat Shrink Tubing Polyolefin, Black, 38.0/19.0 mm, 50 m Roll	5	Roll
7000037635	CTW-602 51,0 BK	3M™ CTW-602 Heat Shrink Tubing Polyolefin, Black, 51.0/25.4 mm, 35 m Roll	5	Roll
7000098911	CTW-602 76,0 BK	3M™ CTW-602 Heat Shrink Tubing Polyolefin, Black, 76.0/38.0 mm, 25 m Roll	5	Roll
7000098912	CTW-602 102,0 BK	3M™ CTW-602 Heat Shrink Tubing Polyolefin, Black, 102.0/51.0 mm, 25 m Roll	5	Roll

Wire and Cable

Cold Shrink Tubing

3M™ Cold Shrink Quick Insulators QI Series

3M™ Cold Shrink EPDM rubber insulating sleeve is a factory-expanded tube loaded on a removable plastic core. Simply prepare the connection, position the tube and unwind the core.



- Specially designed for primary insulation of solid dielectric insulated wires and cable splicing rated to 1000 volts
- Simple installation which requires no tools
- Offers excellent wet electrical properties and resists water, acids and alkalis

Product Id	Part Number	Product	MOQ	Order Unit
7000092215	8426-13	3M™ Cold Shrink Quick Insulators QI Series, Black, 9.4/303/33.0 mm, 25/pack	25	Each
7000092214	595465	3M™ Cold Shrink Quick Insulators QI Series, Black, 12.7/350/43.7 mm, 36/pack	36	Each
7000092211		3M™ Cold Shrink Quick Insulators QI Series, Black, 14.7/460/43.7 mm, 70/pack	70	Each
7000092263		3M™ Cold Shrink Quick Insulators QI Series, Black, 21.3/710/72.4 mm, 100/pack	100	Each
7000092209	PSTEPDM	3M™ Cold Shrink Quick Insulators QI Series, Black, 24.4/840/98.2 mm, 40/pack	40	Each
7000035246		3M™ Cold Shrink Quick Insulators QI Series, Black, 33/610/114.3 mm, 45/pack	45	Each
7000092251	8443.4,9	3M™ Cold Shrink Quick Insulators QI Series, SIL B3, 4,5/125/27,2 mm	30	Each

3M™ Cold Shrink Silicone Insulators 8440 Series

3M™ Cold Shrink Silicone Insulators 8440 series is made of highly elastic Silicone rubber and is used both for the electrical insulation of polymeric or rubber-insulated cables up to 1 kV and for the protection and sealing of non-electrical applications. It also reliably protects connections between cables with different diameters.



- Highly elastic Silicone rubber
- Simple installation with no tools required
- Application temperature range -55 to +260 ° C

Product Id	Part Number	Product	MOQ	Order Unit
7000031486	8447.8	3M™ Cold Shrink Silicone Insulator 8447-8, Gray, 12.4/203/24.1 mm, 12/pack	12	Each

Wire and Cable

3M™ Cold Shrink Connector Insulators 8420 and 8430 Series

3M™ Cold Shrink Connector Insulators 8420 and 8430 Series are EPDM tubes designed using a unique Cold Shrink delivery system. Products are supplied pre-stretched on a removable core for efficiency and easy of installation. Removal of the core (unwind) after positioning allows the tube to shrink into position forming a moisture-tight seal. The live memory action of the specially formulated material ensures a permanent, durable environmental seal and insulation.



- Specially designed for primary insulation of solid dielectric insulated wires and cable splicing rated to 1000 volts
- Simple installation which requires no tools
- Sealing of terminal lug barrels, conduit couplings and conduit-to-cable breakouts

Product Id	Part Number	Product	MOQ	Order Unit
7000092232	8428.6	3M™ Cold Shrink Connector Insulators 8420 and 8430 Series, 8428-6 , 24/152/49,3 mm	10	Each
7000035259	8428.12	3M™ Cold Shrink Connector Insulators 8420 and 8430 Series, 8428-12, 15,2/305/53,8 mm	10	Each
7000035260	8428.18	3M™ Cold Shrink Connector Insulators 8420 and 8430 Series, 8428-18, 24/457/49,3 mm	10	Each
7000092233	8429.6	3M™ Cold Shrink Connector Insulators 8420 and 8430 Series, 8429-6, 32,2/152/67,8 mm	10	Each
7000035261	8429.9	3M™ Cold Shrink Connector Insulators 8420 and 8430 Series, 8429-9, 32,2/229/67,8 mm	10	Each
7000035262	8429.18	3M™ Cold Shrink Connector Insulators 8420 and 8430 Series, 8429-18, 32,2/457/67,8 mm	10	Each
7100002713	8430.9	3M™ Cold Shrink Connector Insulators 8420 and 8430 Series, 8430-9, Tape, Wire, Unishield, 1 kV, Standard, 10 per case	10	Each
7000031603	8430.18	3M™ Cold Shrink Insulator 8430-18, 1250-2000 kcmil, 10 per case	10	Each
7000043212	8423.6	3M™ Cold Shrink Connector Insulators 8420 and 8430 Series, 8423-6, Size 7,8/152/14,3 mm	10	Each
7000006124	8424.8	3M™ Cold Shrink Connector Insulators 8420 and 8430 Series, 8424-8, 10-1/0 AWG (6-16 mm²), 10 per case	10	Each
7000031605	8425.8	3M™ Cold Shrink Connector Insulators 8420 and 8430 Series, 8425-8, 2-1/0 AWG (35-50 mm²), 10 per case	10	Each
7000035244	8426.9	3M™ Cold Shrink Connector Insulators 8420 and 8430 Series, 8426-9, 8,6/228/33 mm	10	Each
7000035254	8426.11	3M™ Cold Shrink Connector Insulators 8420 and 8430 Series, 8426-11, 8,6/279/33 mm	10	Each
7000035255	8427.6	3M™ Cold Shrink Connector Insulators 8420 and 8430 Series, 8427-6, 33/17,5 mm.	10	Each
7000035256	8427.12	3M™ Cold Shrink Connector Insulators 8420 and 8430 Series, 8427-12 , 33,0/17,5 mm.	10	Each
7000035257	8427.16	3M™ Cold Shrink Connector Insulators 8420 and 8430 Series, 8427-16, 16,8/406/35,1 mm	10	Each

Wire and Cable

Cable End Caps

Focus

3M™ Heatshrink Cable End Cap SKE

3M™ Heat Shrink End Cap SKE provides mechanical and environmental protection as well as sealing to cable ends. The semi rigid, flame retardant polyolefin construction makes the end cap suitable for heavy duty applications. The adhesive lining forms a permanent, flexible and water resistant barrier.

- Offers mechanical and environmental protection to cable ends
- Adhesive lining offers flexible, water-resistant barrier
- Suitable for heavy-duty applications



Product Id	Part Number	Product	MOQ	Order Unit
7000061591	SKE 4/10	3M™ Heatshrink Cable End Cap SKE, 4/10, 100 per carton	100	Each
7000032390	ESKE20B	3M™ Heatshrink Cable End Cap SKE, 8/20 mm, 8-16 mm, Bulk-Pack	250	Each
7000061592	SKE 8/20	3M™ Heatshrink Cable End Cap SKE, 8/20, 8-16 mm	50	Each
7000061612		3M™ Heatshrink Cable End Cap SKE, 15/40 mm, 15-32 mm, Bulk-Pack	60	Each
7000061599	SKE 15/40	3M™ Heatshrink Cable End Cap SKE, 15/40, 15-32 mm	10	Each
7000061608		3M™ Heatshrink Cable End Cap SKE, 25/63 mm, 25-51 mm, Bulk-Pack	60	Each
7000061593	SKE 25/63	3M™ Heatshrink Cable End Cap SKE, 25/63, 25-51 mm	10	Each
7000061594	SKE 30/76	3M™ Heatshrink Cable End Cap SKE, 30/76, 30-61 mm	10	Each
7000061610		3M™ Heatshrink Cable End Cap SKE, 45/100 mm, 45-80 mm, Bulk-Pack	30	Each
7000061595	SKE 45/100	3M™ Heatshrink Cable End Cap SKE, 45/100, 45-80 mm	5	Each
7000061604	SKE 62/158	3M™ Heatshrink Cable End Cap SKE, 61/158, 63-126 mm	1	Each

3M™ Cold Shrink End Caps EC Series

3M™ Cold Shrink End Caps EC Series are close-ended, tubular rubber sleeves that are factory expanded and loaded onto a removable core. When positioned over the end of a cable, pipe or other cylindrical object, the core is removed to provide a reliable environmental seal. Four different End Caps are available to accommodate a wide range of diameters from 11.7 mm up to 84.3 mm.

- Close-ended, tubular EPDM rubber sleeves that are loaded onto a removable core
- Resists water, alkalis, acids, abrasion and ozone
- Provides moisture sealing and physical protection for cables and pipes



Product Id	Part Number	Product	MOQ	Order Unit
7000100907	EC-1	3M™ Cold Shrink End Cap EC Series, EC-1	10	Each
7000100908	EC-2	3M™ Cold Shrink End Cap EC Series, EC-2	10	Each
7000100909	EC-3	3M™ Cold Shrink End Cap EC Series, EC-3	10	Each
7000100910	EC-4	3M™ Cold Shrink End Cap EC Series, EC-4	10	Each

Wire and Cable

Cable Breakout Boots

Focus

3M™ Heat Shrink Cable Breakout Boot

3M™ Heat Shrink Cable Breakout Boot insulates and seals cable breakouts in multi conductor armored or sheathed cables. This heavy duty boot offers good electrical and mechanical protection. The cross linked, MIL I 81765 1 qualified polyolefin construction is semi rigid and flame retardant.

- Ensures excellent insulation and void-free sealing of cable breakouts
- Internal coating of adhesive offers reliable environmental sealing
- Provides maximum electrical and mechanical protection



Product Id	Part Number	Product	MOQ	Order Unit
7000061596	SKE 3F/4	3M™ Heat Shrink Cable Breakout Boot , SKE 3F/4, 50-150 mm²	3	Each
7000061601	SKE 3F/1	3M™ Heat Shrink Cable Breakout Boot, SKE 3F/1+1.5, 6-16 mm²	20	Each
7000061602	SKE 3F/2	3M™ Heat Shrink Cable Breakout Boot, SKE 3F/2, 10-50 mm²	10	Each
7000061611		3M™ Heat Shrink Cable Breakout Boot, SKE 3F/4, 50-150 mm², Bulk-Pack	20	Each
7000061606	SKE 3F/5	3M™ Heat Shrink Cable Breakout Boot, SKE 3F/5, 185-400 mm²	3	Each
7000061617	SKE3F5	3M™ Heat Shrink Cable Breakout Boot, SKE 3F/5, 185-400 mm², Bulk-Pack	36	Each
7000061619	SKE3F6	3M™ Heat Shrink Cable Breakout Boot, SKE 3F/6, Bulk-Pack	5	Each
7000061620	TRSKE3F7	3M™ Heat Shrink Cable Breakout Boot, SKE 3F/7	5	Each
7000061618	SKE4F0	3M™ Heat Shrink Cable Breakout Boot, SKE 4F/0	10	Each
7000061597	SKE 4F/1+2	3M™ Heat Shrink Cable Breakout Boot, SKE 4F/1+2, 4-35 mm²	10	Each
7000032394	SKE4F12	3M™ Heat Shrink Cable Breakout Boot, SKE 4F/1+2, 4-35 mm², Bulk-Pack	20	Each
7000061598	SKE 4F/3+4	3M™ Heat Shrink Cable Breakout Boot, SKE 4F/3+4, 25-150 mm²	5	Each
7000032395		3M™ Heat Shrink Cable Breakout Boot, SKE 4F/3+4, 25-150 mm², Bulk-Pack	15	Each
7000061605	SKE 4F/5	3M™ Heat Shrink Cable Breakout Boot, SKE 4F/5, 120-400 mm²	5	Each
7000061616		3M™ Heat Shrink Cable Breakout Boot, SKE 4F/5, 120-400 mm², Bulk-Pack	50	Each
7000076918	SKE5R635	3M™ Heat Shrink Cable Breakout Boot, SKE-5R, 5 outlets, Black, ø 5 mm x 6 mm² - 70 mm²	5	Each

Wire and Cable

Quick Disconnects

3M™ Scotchlok™ Heat Shrink Seamless Butt Connectors

3M™ Scotchlok™ Heat Shrink Seamless Butt Connector ensures an ideal fit with great performance. The seamless barrel is covered by an adhesive-lined polyolefin tubing to offer moisture-seal protection. It withstands a maximum temperature of 105 degrees C. Electrolytic copper construction offers good conductivity and a tin-plated finish resists corrosion.



- Built-in wire stop for correct positioning
- Accommodates wire sizes 22 to 10 AWG
- Made of electrolytic copper for good conductivity and has tin plating for corrosion resistance

Product Id	Part Number	Product	MOQ	Order Unit
7000031843	MH10BCX	3M™ Scotchlok™ Heat Shrink Butt Connectors, 25/bottle, MH10BCX	25	Each
7000031842	MH18BCX	3M™ Scotchlok™ Heat Shrink Seamless Butt Connectors, 25/bottle, MH18BCX	25	Each

3M™ Scotchlok™ Nylon Fully Insulated Butted Seam Male Disconnects

3M™ Scotchlok™ Colour-Coded Male Disconnect Terminal offers superior holding force while allowing for quick and easy disconnect. The terminal has a fully insulated, nylon, butted-seam barrel and withstands temperatures of -40 to 105 degrees C. Its electrolytic copper construction offers good conductivity and a tin-plated finish resists corrosion.



- Mates with 6.35 mm wide female tab
- Withstands a temperature range of -40 to 105 °C
- Rated 600 V for building wire and 1000 V for signs, fixtures or luminaires

Product Id	Part Number	Product	MOQ	Order Unit
7000058836		3M™ Scotchlok™ Nylon Fully Insulated Butted Seam Male Disconnects, 50/bottle, MNU18-250DMIX	10	Pack

Wire and Cable

Focus

3M™ Scotchlok™ IDC Connector 951 952 953

3M™ Scotchlok™ Insulation Displacement Connectors 951, 952 and 953 are quick slide t-tap disconnects used to electrically tap into a wire in mid span without cutting or stripping the wire.

- Nylon-insulated connector electrically taps into a wire in mid-span without cutting
- Unique „U“ contact provides a dependable electrical connection
- Quick and simple to use



Product Id	Part Number	Product	MOQ	Order Unit
7000058872		3M™ Scotchlok™ IDC Connector 951-952-953, 951, Female QuickSlide Disconnect, T-Tap Nylon Insulated Self-Stripping, 22-18 AWG, 50/bottle	1	Pack
7000005801	9511000	3M™ Scotchlok™ IDC Connector 951-952-953, 951K, Female QuickSlide Disconnect, T-Tap Nylon Insulated Self-Stripping, 22-18 AWG, 1000 per case	1000	Each
7000058873	952	3M™ Scotchlok™ IDC Connector 951-952-953, 952, Female QuickSlide Disconnect, T-Tap Nylon Insulated Self-Stripping, 18-14 AWG, 50/bottle	10	Pack
7100008223	952-B	3M™ Scotchlok™ IDC Connector 951-952-953, 952K, Female QuickSlide Disconnect, T-Tap Insulated Self-Stripping, 18-14 AWG, 1000 per case	1000	Each
7000076468		3M™ Scotchlok™ IDC Connector 951-952-953, 952X, Female QuickSlide Disconnect, T-Tap Nylon Insulated Self-Stripping, 18-14 AWG, 50 per carton, 500 per case	100	Each

Wire and Cable

Wire Marker Dispensers

Focus

3M™ ScotchCode™ Wire Marker Write-On Dispensers

3M™ ScotchCode™ Wire Marker Write-On Dispenser are compact and convenient wire marking systems. The dispenser allows you to write bespoke, self-laminating labels with a permanent marker pen.



- Easily write bespoke self-laminating labels
- Unique, ergonomically designed dispenser provides simple, convenient use
- Label sizes – 19mm x 35mm (SWD), 25mm x 58mm (SLW), 25mm x 127mm (SLS)

Product Id	Part Number	Product	MOQ	Order Unit
7000058136		3M™ ScotchCode™ Wire Marker Write-On Dispensers, SLS, Wire O.D. 3.81 mm to 12.45 mm	10	Each
7000031502	SLW	3M™ ScotchCode™ Wire Marker Write-On Dispensers, SLW, Wire O.D. 5.84 mm to 33.52 mm, 10/Case	10	Each
7000031501	SWD	3M™ ScotchCode™ Wire Marker Write-On Dispensers, SWD	1	Each

Focus

3M™ ScotchCode™ Wire Marker Tape Dispenser STD

3M™ ScotchCode™ Wire Marker Tape Dispenser STD is a compact, convenient marking solution – available pre-loaded with labels printed with numbers or colours. This tape dispenser has 10 refillable compartments and comes with a full spare refill included.



- Pre-printed with sharp, easy-to-read characters.
- Refillable compartments for SDR tape with high tack, acrylic adhesive that resists solvents, oil and water and adheres firmly to insulation surfaces
- Features hinged covers that grasp the ends of individual roll to tear off precise lengths – minimising waste

Product Id	Part Number	Product	MOQ	Order Unit
7000006035		3M™ ScotchCode™ Wire Marker Tape Dispenser STD, 0-9, 25 per case	25	Each
7000058253	STD09	3M™ ScotchCode™ Wire Marker Tape Dispenser STD, 0-9X, 10 per case	10	Each
7000031515	STDC	3M™ ScotchCode™ Wire Marker Tape Dispenser STD, C	25	Each
7000058134	STD	3M™ ScotchCode™ Wire Marker Tape Dispenser STD, X	10	Each
7000058782	STD-0/9	3M™ ScotchCode™ Wire Marker Tape Dispenser STD, with refill pack, 0-9 Filled	5	Each

Wire and Cable

Wire Marker Tapes

Focus

3M™ ScotchCode™ Wire Marker Tape Refill Roll

3M™ ScotchCode™ Wire Marker Tape Refill Roll SDR is as a refill roll for 3M™ ScotchCode™ Wire Marker Tape Dispenser and are available as individual numbers, letters or symbols.

- Refill roll for 3M™ ScotchCode™ Wire Marker Tape Dispenser STD
- Printed with sharp, easy to read characters
- Thin conformable, polyester tape, resists flagging, oil, solvents and water



Product Id	Part Number	Product	MOQ	Order Unit
7000058258	SDR4	3M™ ScotchCode™ Wire Marker Tape Refill Roll SDR-4, 50 Rolls/Case	10	Roll
7000031760	SDR-0/9	3M™ ScotchCode™ Wire Marker Tape Refill Roll, 0-9	10	Roll
7000031767	SLW-R	3M™ ScotchCode™ Wire Marker Tape Refill Roll, 25 mm x 127 mm	10	Each
7000058793	SDRAZ	3M™ ScotchCode™ Wire Marker Tape Refill Roll, „A-Z“	8	Each
7100135191	SDR - L1/2/3, N, grounding	3M™ ScotchCode™ Wire Marker Tape Refill Roll, SDR Symbols L1, L2, L3, N, EARTH	5	Each
7000058783	SDR-0	3M™ ScotchCode™ Wire Marker Tape Refill Roll, SDR-0, Pack of 3 rolls	10	Each
7000058254	SDR0	3M™ ScotchCode™ Wire Marker Tape Refill Roll, SDR-0, Pack of 10 rolls	10	Roll
7100016666	SDR-1	3M™ ScotchCode™ Wire Marker Tape Refill Roll, SDR-1, Pack of 3 rolls	10	Each
7000058255	SDR1	3M™ ScotchCode™ Wire Marker Tape Refill Roll, SDR-1, Pack of 10 rolls	50	Roll
7000058785	SDR-2	3M™ ScotchCode™ Wire Marker Tape Refill Roll, SDR-2, Pack of 3 rolls	10	Each
7000058256	SDR2	3M™ ScotchCode™ Wire Marker Tape Refill Roll, SDR-2, Pack of 10 rolls	50	Roll
7000058786	SDR-3	3M™ ScotchCode™ Wire Marker Tape Refill Roll, SDR-3, Pack of 3 rolls	10	Each
7000058257	SDR3	3M™ ScotchCode™ Wire Marker Tape Refill Roll, SDR-3, Pack of 10 rolls	10	Roll
7000058787	SDR-4	3M™ ScotchCode™ Wire Marker Tape Refill Roll, SDR-4, Pack of 3 rolls	10	Each
7100015718	SDR-5	3M™ ScotchCode™ Wire Marker Tape Refill Roll, SDR-5, Pack of 3 rolls	10	Each
7000058259	SDR5	3M™ ScotchCode™ Wire Marker Tape Refill Roll, SDR-5, Pack of 10 rolls	10	Roll
7000058789	SDR-6	3M™ ScotchCode™ Wire Marker Tape Refill Roll, SDR-6, Pack of 3 rolls	10	Each
7000058260	SDR6	3M™ ScotchCode™ Wire Marker Tape Refill Roll, SDR-6, Pack of 10 rolls	10	Roll
7000058790	SDR-7	3M™ ScotchCode™ Wire Marker Tape Refill Roll, SDR-7, Pack of 3 rolls	10	Each
7000058261	SDR7	3M™ ScotchCode™ Wire Marker Tape Refill Roll, SDR-7, Pack of 10 rolls	10	Roll
7000058791	SDR-8	3M™ ScotchCode™ Wire Marker Tape Refill Roll, SDR-8, Pack of 3 rolls	10	Each
7000058262	SDR8	3M™ ScotchCode™ Wire Marker Tape Refill Roll, SDR-8, Pack of 10 rolls	10	Roll
7000058792	SDR-9	3M™ ScotchCode™ Wire Marker Tape Refill Roll, SDR-9, Pack of 3 rolls	10	Each
7000058263	SDR9	3M™ ScotchCode™ Wire Marker Tape Refill Roll, SDR-9, Pack of 10 rolls	10	Roll
7000058264	SDRL1	3M™ ScotchCode™ Wire Marker Tape Refill Roll, SDR-L1	10	Roll
7000058265	SDRL2	3M™ ScotchCode™ Wire Marker Tape Refill Roll, SDR-L2	10	Roll
7000058266	SDRL3	3M™ ScotchCode™ Wire Marker Tape Refill Roll, SDR-L3	10	Roll
7000031766	SWD-R	3M™ ScotchCode™ Wire Marker Tape Refill Roll, Wire O.D. 2.29 mm to 7.87 mm	10	Each
7000058270	SDR-	3M™ Scotchcode™ Wire Marker Tape Refill Roll, SDR - Minus	10	Roll
7000058269	SDR+	3M™ Scotchcode™ Wire Marker Tape Refill Roll, SDR-(+)	10	Roll
7000031536		3M™ Scotchcode™ Wire Marker Tape Refill Roll, SDR-U	10	Each
7000031537		3M™ Scotchcode™ Wire Marker Tape Refill Roll, SDR-V	10	Each
7000031538		3M™ Scotchcode™ Wire Marker Tape Refill Roll, SDR-W	10	Each

Wire and Cable

Wire Marker Books

Focus

3M™ ScotchCode™ Write-On Wire Marker Book SWB

3M™ ScotchCode™ Wire Marker Write On Book SWB is a convenient book of self-laminating, write-on markers designed for small volume applications – at home or on the job site. This easy to use write-on book allows you to simply write on the label, peel off and apply.

- Self-laminating, write-on markers
- Designed for small volume applications involving special or complex legends that are hand written at the job site
- Available in four different size options



Product Id	Part Number	Product	MOQ	Order Unit
7000058802	SWB3	3M™ ScotchCode™ Wire Marker Write On Book SWB, 3	5	Each
7000058803		3M™ ScotchCode™ Write On Wire Marker Book SWB, 4	5	Each
7000058801		3M™ ScotchCode™ Write-On Wire Marker Book SWB, 2	5	Each

Wire and Cable

Cable Management

Focus

3M™ Scotchflex™ Wire Tie Wrap

3M™ Scotchflex™ Tie Wrap is an easy to use cable bundling and fastening wrap. It secures quickly and easily, remaining locked without slipping. It can be re-used time and time again for trusted performance.

- Easy and quick to wrap and unfasten
- No special tools required
- High tensile strength



Product Id	Part Number	Product	MOQ	Order Unit
7000033355	Hook and Loop Tape	3M™ Scotchflex™ Wire Tie Wrap, black, 20mm x 10m	30	Roll

Focus

3M™ Scotchflex™ Cable Tie Base

3M™ Scotchflex™ Cable Tie Base can be quickly, easily and securely used to mount cables. This cable tie base is available in either neutral or black.

- Makes mounting wires and cables quick, easy and secure
- Features a self-adhesive stick for lightweight applications or a screw mount for heavyweight applications
- Available in neutral or black



Product Id	Part Number	Product	MOQ	Order Unit
7000092452	CTA19BC	3M™ Scotchflex™ Cable Tie Base, CTA 19 BC, Black, 19 mm x 19 mm	30	Pack
7000035315	CTA19NC	3M™ Scotchflex™ Cable Tie Base, CTA 19 NC, 19 mm x 19 mm	30	Pack
7000092453	CTA27BC	3M™ Scotchflex™ Cable Tie Base, CTA 27 BC, Black, 27 mm x 27 mm	30	Pack
7000035317	CTA27NC	3M™ Scotchflex™ Cable Tie Base, CTA 27 NC, Neutral, 27 mm x 27 mm	30	Pack
7000092454	CTS18BC	3M™ Scotchflex™ Cable Tie Base, CTS 18 BC, Black, 23 mm x 14 mm	30	Pack
7000035318	CT6BC	3M™ Scotchflex™ Cable Tie Base, Wall Plug Mount, CT 6 BC, Black, 0,012 m x 10,00 mm	25	Pack

Wire and Cable

Focus

3M™ Scotchflex™ Cable Tie

3M™ Scotchflex™ Cable Tie are moulded from UL approved 6/6 nylon. They are self-extinguishing according to UL 94 V2 and have an opening load from 80 to 800N.



- Secure wire bundles and harness components quickly, without slipping
- Curved tip allows for faster threading and installation
- Moulded from UL approved 6/6 nylon

Product Id	Part Number	Product	MOQ	Order Unit
7000035284	FS 135 AW-C	3M™ Scotchflex™ Cable Tie, FS 135 AW-C, Black, 135 mm x 2.5 mm	120	Pack
7000035289	FS 140 B-C	3M™ Scotchflex™ Cable Tie, FS 140 B-C, Neutral, 140 mm x 3.6 mm	100	Pack
7000035290	FS 140 BW-C	3M™ Scotchflex™ Cable Tie, FS 140 BW-C, Black, 140 mm x 3.6 mm	100	Pack
7000035285	FS 160 A-C	3M™ Scotchflex™ Cable Tie, FS 160 A-C, Neutral, 160 mm x 2.5 mm	120	Pack
7000035286	FS 160 AW-C	3M™ Scotchflex™ Cable Tie, FS 160 AW-C, Black, 160 mm x 2.5 mm	120	Pack
7000035295	FS 160 C-C	3M™ Scotchflex™ Cable Tie, FS 160 C-C, Neutral, 160 mm x 4.8 mm	50	Pack
7000035296	FS 160 CW-C	3M™ Scotchflex™ Cable Tie, FS 160 CW-C, Black, 160 mm x 4.8 mm	50	Pack
7000035287	FS 200 A-C	3M™ Scotchflex™ Cable Tie, FS 200 A-C, Neutral, 200 mm x 2.5 mm	1	Pack
7000035288	FS 200 AW-C	3M™ Scotchflex™ Cable Tie, FS 200 AW-C, Black, 200 mm x 2.5 mm	100	Pack
7000035291	FS 200 B-C	3M™ Scotchflex™ Cable Tie, FS 200 B-C, Neutral, 200 mm x 3.6 mm	60	Pack
7000035292	FS 200 BW-C	3M™ Scotchflex™ Cable Tie, FS 200 BW-C, Black, 200 mm x 3.6 mm	60	Pack
7000035297	FS 200 C-C	3M™ Scotchflex™ Cable Tie, FS 200 C-C, Neutral, 200 mm x 4.8 mm	1	Pack
7000035298	FS 200 CW-C	3M™ Scotchflex™ Cable Tie, FS 200 CW-C, Black, 200 mm x 4.8 mm	1	Pack
7000035305	FS 200 D-C	3M™ Scotchflex™ Cable Tie, FS 200 D-C, Neutral, 200 mm x 7.6 mm	20	Pack
7000035306	FS 200 DW-C	3M™ Scotchflex™ Cable Tie, FS 200 DW-C, Black, 200 mm x 7.5 mm	1	Pack
7000035293	FS 280 B-C	3M™ Scotchflex™ Cable Tie, FS 280 B-C, Neutral, 280 mm x 3.6 mm	60	Pack
7000035294	FS 280 BW-C	3M™ Scotchflex™ Cable Tie, FS 280 BW-C, Black, 280 mm x 3.6 mm	60	Pack
7000035299	FS 280 C-C	3M™ Scotchflex™ Cable Tie, FS 280 C-C, Neutral, 280 mm x 4.8 mm	1	Pack
7000035300	FS 280 CW-C	3M™ Scotchflex™ Cable Tie, FS 280 CW-C, Black, 280 mm x 4.8 mm	50	Pack
7000035307	FS 280 D-C	3M™ Scotchflex™ Cable Tie, FS 280 D-C, Neutral, 280 mm x 7.6 mm	20	Pack
7000035308	FS 280 DW-C	3M™ Scotchflex™ Cable Tie, FS 280 DW-C, Black, 280 mm x 7.5 mm	20	Pack
7000035301	FS 360 C-C	3M™ Scotchflex™ Cable Tie, FS 360 C-C, Neutral, 360 mm x 4.8 mm	1	Pack
7000035302	FS 360 CW-C	3M™ Scotchflex™ Cable Tie, FS 360 CW-C, Black, 360 mm x 4.8 mm	40	Pack
7000035309	FS 360 D-C	3M™ Scotchflex™ Cable Tie, FS 360 D-C, Neutral, 360 mm x 7.6 mm	15	Pack
7000035310	FS 360 DW-C	3M™ Scotchflex™ Cable Tie, FS 360 DW-C, Black, 360 mm x 7.5mm	1	Pack
7000035303	FS 390 C-C	3M™ Scotchflex™ Cable Tie, FS 380 C-C, Neutral, 380 mm x 4.8 mm	30	Pack
7000035304	FS 380 CW-C	3M™ Scotchflex™ Cable Tie, FS 380 CW-C, Black, 380 mm x 4.8 mm	30	Pack
7000035311	FS 500 D-C	3M™ Scotchflex™ Cable Tie, FS 500 D-C, Neutral, 500 mm x 7.5 mm	1	Pack
7000035312	FS 500 DW-C	3M™ Scotchflex™ Cable Tie, FS 500 DW-C, Black, 500 mm x 7.5 mm	10	Pack
7000035313	FS 550 DW-C	3M™ Scotchflex™ Cable Tie, FS 550 DW-C, Black, 550 mm x 9.0 mm	7	Pack
7000035314	FS780DWC	3M™ Scotchflex™ Cable Tie, FS 780 DW-C, Black, 780 mm x 9.0 mm	10	Pack
7000092455	FT360DWC	3M™ Scotchflex™ Cable Tie, FT 360 DW-C, Black, 360 mm x 9.0 mm	9	Pack
7000035281	FS 100 A-C	3M™ Scotchflex™ Cable Tie, FS 100 A-C Neutral, 100 mm x 2.5 mm	150	Pack
7000035282	FS 100 AW-C	3M™ Scotchflex™ Cable Tie, FS 100 AW-C, Black, 100 mm x 2.5 mm	1	Pack
7000035283	FS135AC	3M™ Scotchflex™ Cable Tie, FS 135 A-C, Neutral, 135 mm x 2.5 mm	120	Pack

Wire and Cable

Grounding Connectors

3M™ Constant Force Springs

3M™ Constant Force Spring is designed for earthing or grounding applications. The spring applies a uniform radial pressure onto the cable when it is rolled onto the cable core or outside diameter.

- Applies a uniform radial pressure onto the cable
- For use in earthing or grounding applications
- Used on lead and aluminum cable sheaths, cable screening tapes or wires and steel or aluminum armor wires



Product Id	Part Number	Product	MOQ	Order Unit
7000032604	ROLL59	3M™ Constant Force Springs, P59 for Solderless Connections from 4 to 10mm Diameter Applications. Pack 100 pcs	100	Each
7000032605	ROLL60	3M™ Constant Force Springs, P60 for Solderless Connections from 9 to 15mm Diameter Applications. Pack 100 pcs	100	Each
7000032606	ROLL61	3M™ Constant Force Springs, P61 for Solderless Connections from 14mm-21mm 20/bx. Pack 100 pcs	100	Each
7000032607	ROLL62	3M™ Constant Force Springs, P62 for Solderless Connections, Pack 50 pcs	50	Each
7000032608	ROLL63	3M™ Constant Force Springs, P63 for Solderless Connections. Pack 50 pcs	50	Each
7000032609	ROLL64	3M™ Constant Force Springs, P64 for Solderless Connections, Pack 25 pcs	25	Each
7000032610	ROLL65	3M™ Constant Force Springs, P65 for Solderless Connections, Pack 20 pcs	20	Each
7000032611	ROLL66	3M™ Constant Force Springs, P66 for Solderless Connections. Pack 10 pcs	10	Each
7000145716	P67	3M™ Constant Force Springs, P67, For Solderless Connections. Pack 10 pcs.	10	Each



Splices & Accessories

Proven splicing technology designed for your specific applications.

Some 50 years after 3M introduced the industry's original insulation displacement connector, 3M™ Scotchlok™ Insulation Displacement Connectors (IDCs) still offer the quick installation and reliability that professionals demand. 3M™ Scotchlok™ IDCs also incorporate a full wire range capability, an increased port size that accommodates up to 4.82mm insulation sizes, double 'U' elements and a solvent-resistant plastic construction.

Choose from 15 different 3M™ Scotchlok™ IDCs to meet a variety of uses, including fixture, appliance, automotive, marine and control circuit wiring.

No stripping. No twisting. Just a snap and squeeze and done.

3M™ Scotchlok™ IDCs are easy to use and can help save time – to install one, just squeeze – no stripping or twisting. Our unique 'U' contact provides a dependable electrical connection.



A 'live-spring' joint is made by driving the 'U' contact down into connector.



As the 'U' contact is pressed into connector, it grasps conductors as it displaces insulation.



The contact grips conductor(s) and holds with a firm, resilient pressure.



- ▶ 3M™ Scotchlok™ IDCs have a range of approvals and ratings that meet with industrial standards
- ▶ 3M™ Scotchlok™ IDCs are used in a range of applications in automotive and marine wiring, lighting, security and control systems

3M™ Scotchlok™ Insulation Displacement Connectors (IDCs) for electrical applications

Connector	Type connector	Special features	Maximum insulation	Wire range mm ²	Operating temperature	Voltage rating	Approvals	
314*		 	IPx8 (1m, 2 hours) temporary waterproof sealing, T40 (acc. EN 60998-2-3), Flame Retardant.	3.94mm	0.5-1.5mm ²	40°C, (T40 acc. EN 60998-2-3)	600/1000V	  
314U*		 	Dry environment applications. Flame retardant.	3.94mm	0.5-1.5mm ²	105°C	600/1000V	
316IR		 	Moisture resistant applications.	3.94mm	0.5-1.5mm ²	105°C	32V	
534S		 	Flame retardant. Stop port deformable to allow run tap.	3.5mm	1.5 – 2.5mm ²	90°C	32V	
557*			Dual element connection. Flame retardant.	3.05mm	0.5-1.5mm ²	105°C	600/1000V	
558*			Flame retardant.	3.05mm	0.5-1.5mm ²	105°C	600/1000V	
560B		 	Run and tap splicing. Flame retardant.	3.68mm	0.75-1.5mm ² Solid/stranded	105°C	600/1000V	
562		 	Run and tap splicing. Flame retardant.	4.82mm	3.0-4.0mm ² Solid/stranded	90°C	600/1000V	
567			Dual element connection. Flame retardant.	Tap: 3.68mm Run: 4.82mm	Tap: 0.75-1.5mm ² Run: 3.0-4.0mm ²	105°C	600/1000V	
905		 	Low voltage (Automotive) applications.	Tap: 2.79mm Run: 3.68mm	Tap: 0.5-1.0mm ² Run: 0.75-1.5mm ²	90°C	32V	
951			T-Tap disconnect. Flame retardant.	3.81mm	0.5-1.0mm ²	105°C	600/1000V	
952			T-Tap disconnect. Flame retardant.	3.81mm	0.75-1.5mm ²	105°C	600/1000V	

*Also tested in accordance with UL Standard for portable electric lamps, UL 153 paragraph 15, when housed within the body of the lamp.

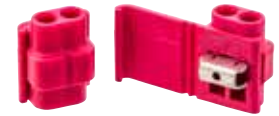
Splices & Accessories

IDC Taps & Splices

Focus

3M™ Scotchlok™ IDC Connector 557

3M™ Scotchlok™ IDC Connector 557 has a dual element connection that electrically connects two 0.5 mm² to 1.5 mm² wire ends. This flame retardant connector has a maximum insulation O.D. diameter of 3.05 mm and an operating temperature of 105 °C.



- Unique 'U' contact provides a dependable electrical connection
- Accommodates 0.5 mm² to 1.5 mm² wire, solid/stranded
- UL Listed and RoHS 2011/65/EU Compliant

Product Id	Part Number	Product	MOQ	Order Unit
7100166937	557	3M™ Scotchlok™ IDC Connector 557, BOX, Pigtail, Self-Stripping, Moisture Resistant and Flame Retardant, Red, 22-16 AWG, 100 per carton, 1000 per case	1000	Each

Focus

3M™ Scotchlok™ IDC Connector 316IR

3M™ Scotchlok™ IDC Connector 316IR for irrigation applications has a unique 'U' contact that provides a quick, dependable, moisture resistant electrical connection. This connector supports wire gauges 0.5mm² to 1.5mm² and a maximum voltage of 32V.



- Recommended applications of less than 32 V
- Quick and easy to use – simply snap shut without stripping or twisting the wire
- Features a unique 'U' contact that provides a quick, dependable electrical connection

Product Id	Part Number	Product	MOQ	Order Unit
7100166991	534S	3M™ Scotchlok™ IDC Connector 316IR, 534S-Pouch	1000	Each
7000058271	316-IR	3M™ Scotchlok™ IDC Connector 316IR, Pigtail, Irrigation Applications	300	Each
7000033342	316IR	3M™ Scotchlok™ IDC Connector 316IR, Pigtail, Irrigation Applications, Bulk	1	Pack

Focus

3M™ Scotchlok™ IDC Connector 972-A

3M™ Scotchlok™ IDC Connector 972-A are used to install a blade-type automotive fuse between power source and device.



- Colour-coded for quick and easy identification of the wire size
- Brass element construction for good conductivity and tin plating for corrosion resistance
- Withstands temperatures of 105 °C

Product Id	Part Number	Product	MOQ	Order Unit
7000006228	972 1000	3M™ Scotchlok™ IDC Connector 972-A, Female Disconnect, Fuse Holder Polypropylene Insulated Self-Stripping, (BULK), 18-14 AWG, 1000 per case	1000	Each

Splices & Accessories

Focus

3M™ Scotchlok™ IDC Connector 314

3M™ Scotchlok™ 314 IDC Pigtail Electrical Connector is self-stripping, flame-retardant and moisture-resistant, with a unique 'U' contact that provides a quick and dependable electrical connection.

- Unique 'U' contact provides a dependable electrical connection up to 600V
- Quick and easy to use - simply snap shut without stripping or twisting the wire
- UL listed, VDE Certified, IEC 60998-3-2 tested



Product Id	Part Number	Product	MOQ	Order Unit
7000031482		3M™ Scotchlok™ Electrical IDC 314-BIN, Pigtail, Self-Stripping, Blue, 22-14 AWG, 1000 /Case	1000	Each
7100166936	314-POUCH	3M™ Scotchlok™ Electrical IDC 314-POUCH, Pigtail, Self-Stripping, Blue, 22-14 AWG, 50 per pouch, 500 /Case	500	Each
7100141181	314BLIS	3M™ Scotchlok™ IDC Connector 314, Self Stripping, 25 pack	500	Each

Focus

3M™ Scotchlok™ IDC Connector 534

3M™ Scotchlok™ IDC 534 connects wire in a double run configuration without the need to strip the wire prior to use.

- Flame retardant
- Unique „U“ contact provides a dependable electrical connection
- Accommodate 1.5 - 2.5mm² solid/stranded



Product Id	Part Number	Product	MOQ	Order Unit
7100179355	534B100	3M™ Scotchlok™ IDC Connector 534 , 100 per pouch	1000	Each

Focus

3M™ Scotchlok™ IDC Connector 558

3M™ Scotchlok™ Electrical IDC 558, Run and Tap, Flame Retardant connects 0.5 mm² to 1.5 mm² (tap) wire end to a through (run) wire and insulates the connection. This connector has a unique 'U' contact that provides a quick and dependable electrical connection.

- Red, polypropylene-insulated connector
- Unique 'U' contact provides a dependable electrical connection
- Quick and easy to use – simply snap shut without stripping or twisting the wire



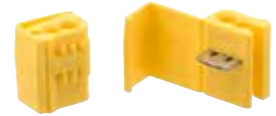
Product Id	Part Number	Product	MOQ	Order Unit
7100166926	558	3M™ Scotchlok™ IDC Connector 558, BOX, Run and Tap, Flame Retardant	1000	Each
7000005800	558B5000	3M™ Scotchlok™ IDC Connector 558, BULK, Run and Tap, Flame Retardant	5000	Each

Splices & Accessories

Focus

3M™ Scotchlok™ IDC Connector 562

3M™ Scotchlok™ Electrical IDC 562, Double Run or Tap, Flame Retardant, connector electrically connect a 3.0 mm² to 4.0 mm² wire (tap) end to a through (run) wire and insulates the connection. Our connector has a unique 'U' contact that provides a quick and dependable electrical connection.



- Yellow, polypropylene-insulated connector is suitable for tap or parallel splicing
- Unique 'U' contact provides a dependable electrical connection
- Quick and easy to use – simply snap shut without stripping or twisting the wire

Product Id	Part Number	Product	MOQ	Order Unit
7100003124		3M™ Scotchlok™ IDC Connector 562, BIN, Double Run or Tap, Flame Retardant, Yellow, 12 AWG (solid/stranded), 10 AWG (stranded), 1000 per case	1000	Each
7100166940	562	3M™ Scotchlok™ IDC Connector 562, BOX, Double Run or Tap, Flame Retardant	1000	Each

Focus

3M™ Scotchlok™ IDC Connector 567

3M™ Scotchlok™ Electrical IDC 567 connects an 0.75 mm² -1.5 mm² (tap) wire end to a through 3 mm² to 4 mm² (run) wire and insulates the connection. This connector is flame retardant, self-stripping and has a dual element connection.



- Brown polypropylene-insulated connector
- Unique 'U' contact provides a dependable electrical connection
- Quick and easy to use - simply snap shut without stripping or twisting the wire

Product Id	Part Number	Product	MOQ	Order Unit
7000005879	567B1000	3M™ Scotchlok™ IDC Connector 567, BIN, Run and Tap, Flame Retardant, Brown, 18-14 AWG (Tap), 12-10 AWG (Run), 1000 per case	1000	Each
7100167058	567	3M™ Scotchlok™ IDC Connector 567, BOX, Run and Tap	1000	Each

3M™ Scotchlok™ IDC Connector 905

3M™ Scotchlok™ Electrical IDC 905 is used to connect two wires in a tap, in-line, pigtail, or double run installation.



- Red, polypropylene-insulated connector is suitable for tap or parallel splicing
- Suitable for use in light fixtures, appliances and other electrical OEM applications
- Quick and easy to use – simply snap shut without stripping or twisting the wire

Product Id	Part Number	Product	MOQ	Order Unit
7000021415		3M™ Scotchlok™ IDC Connector 905, BULK, Double Run or Tap, Low Voltage (Automotive) Applications, Red, 22-18 AWG (Tap), 18-14 AWG (Run), 500 per bag, 5000 per case	5000	Each

Splices & Accessories

Focus

3M™ Scotchlok™ IDC Connector 560 & 560B

3M™ Scotchlok™ Insulation Displacement Connector 560/560B is a double run or tap connector for tap or parallel splicing.



- Blue, polypropylene-insulated connector is suitable for tap or parallel splicing
- Unique 'U' contact provides a dependable electrical connection
- Quick and easy to use - simply snap shut without stripping or twisting the wire

Product Id	Part Number	Product	MOQ	Order Unit
7100166939	560B-B	3M™ Scotchlok™ IDC Connector 560 & 560B, 560-BOX, Double Run or Tap, Flame Retardant	1000	Each
7000005896	560B5000	3M™ Scotchlok™ IDC Connector 560 & 560B, 560B, BULK, Double Run or Tap	5000	Each
7100166938	560B	3M™ Scotchlok™ IDC Connector 560 & 560B, 560B-BOX, Double Run or Tap	1000	Each

3M™ Scotchlok™ IDC Connector 314-U

3M™ Scotchlok™ Electrical IDC 314U has a unique 'U' contact that provides a quick and dependable electrical connection. This connector is used for 0.5 mm² to 1.5 mm² wires.



- White body nylon-insulated connector is suitable to connect 2 or 3 wires
- Accommodates a wire range of 0.5 - 1.5 mm² solid or stranded
- Quick and easy to use – simply snap shut without stripping or twisting the wire

Product Id	Part Number	Product	MOQ	Order Unit
7000058006	314U-B	3M™ Scotchlok™ IDC Connector 314U, BIN, Pigtail, Self-Stripping, Flame Retardant, White, 22-14 AWG, 1000 per case	1000	Each

Splices & Accessories

Cold Shrink Splices

Focus

3M™ Cold Shrink High Voltage Splice kit QS3000

3M™ Cold Shrink High Voltage Splice kit QS3000 series provides an easy and secure solution for High Voltage connection, up to U_{max} 72.5 kV, for polymeric cables with various cross sections and primary insulation diameters.

- High-Voltage Splice up to U_{max} 72.5 kV
- Silicone Cold Shrink splice body with Cold Shrink re-jacketing
- Meets standard IEC 60840



Product Id	Part Number	Product	MOQ	Order Unit
7100036901		3M™ Cold Shrink High Voltage Splice kit QS3000, 96-AD 632-1, 150-400mm ² , 50mm ² Screen, Lead Sheath, 1 Kit / Case	1	Kit
7100233060		3M™ Cold Shrink High Voltage Splice kit QS3000, 96-AD, 96-ACxxx-1 Supplementary Alu Add on Kit, 1 Kit / Case	5	Kit
7100260823		3M™ Cold Shrink High Voltage Splice kit QS3000, AD-72XA1-20-N-50C, 150-630 mm ² , 50 mm ² Screen, 1 Kit / Case	1	Kit
7100259034		3M™ Cold Shrink High Voltage Splice kit QS3000, AD-72XA1-20-SP1-50C, 150-630 mm ² , 50 mm ² Screen, Inclusive Connector, 1Kit / Case	1	Kit
7100278365		3M™ Cold Shrink High Voltage Splice kit QS3000, AD-72XA1-30-N-50C, 630-1600 mm ² , 50 mm ² Screen, 1 Kit / Case	1	Kit
7100277047	72XA1-30-SP2-50C	3M™ Cold Shrink High Voltage Splice kit QS3000, AD-72XA1-30-SP2-50C, 630-800mm ² , 50mm ² Screen, Inclusive Connector, 1 Kit / Case	1	Kit
7100259033	AD-72XB1-20-N-150C	3M™ Cold Shrink High Voltage Splice kit QS3000, AD-72XB1-20-N-150C, 150-630 mm ² , 150 mm ² Screen, 1 Kit / Case	1	Kit
7100260822	AD-72XB1-20-SP1-150C	3M™ Cold Shrink High Voltage Splice kit QS3000, AD-72XB1-20-SP1-150C, 150 - 630 mm ² , 150 mm ² Screen, Inclusive Connector, 1 Kit / Case	1	Kit
7100264414	AD-72XB1-30-SP3-150C	3M™ Cold Shrink High Voltage Splice kit QS3000, AD-72XB1-30-SP3-150C, 800 - 1000 mm ² , 150 mm ² Screen, Inclusive Connector, 1 Kit / Case	1	Kit

Splices & Accessories

Focus

3M™ Cold Shrink Medium Voltage Splice Kit QS200 94-AK xx0-1

3M™ Cold Shrink Medium Voltage splice kit series QS200 94-AK xx0-1 are designed for inline splicing up to 36 kV Umax voltage class, to connect single core polymeric power cable systems with copper wire screen according to HD 620 (IEC 60502).



- The versatile design of the prefabricated one-piece cold shrink splice body allows installation on a wide range of cable sizes and types and a fast and easy installation at temperatures ranging from - 20°C to + 50°C.
- The integrated, semi-conductive electrode forms a faraday cage over the connector and eliminates the use of tapes and void filling.
- Solderless earth connection by means of copper screen sleeve and constant force springs.

Product Id	Part Number	Product	MOQ	Order Unit
7000092366		3M™ Cold Shrink Medium Voltage Splice Joint Kit QS200 94-AK, 640-1, application up to 36 kV, Pack 1 per case	1	Each
7000092417		3M™ Cold Shrink Medium Voltage Splice Joint Kit QS200 94-AK, 640-1/C, application up to 36kV. kit includes mechanical connector. Pack 1 per case.	1	Each
7000092333	94AK6201	3M™ Cold Shrink Medium Voltage Splice Kit QS200 94-AK, 620-1, application up to 36kV. Pack 1 per case	2	Each
7000092334	94AK620C	3M™ Cold Shrink Medium Voltage Splice Kit QS200 94-AK, 620-1/C, application up to 36kV. Kit includes mechanical connector. Pack 1 per case	2	Each
7000092335	94AK6301	3M™ Cold Shrink Medium Voltage Splice Kit QS200 94-AK, 630-1, application up to 36kV. Pack 1 per case	1	Each
7000092336	94AK630C	3M™ Cold Shrink Medium Voltage Splice Kit QS200 94-AK, 630-1/C, application up to 36kV. Kit includes mechanical connector. Pack 1 per case	1	Each

Splices & Accessories

Focus

3M™ Cold Shrink Medium Voltage Splice Kit QS200 93-AK xx0-1

3M™ Cold Shrink Medium Voltage splice kit series QS200 93-AK xx0-1 are designed for inline splicing up to 24 kV Umax voltage class, to connect single core polymeric power cable systems with copper wire screen according to HD 620 (IEC 60502).

- The versatile design of the prefabricated one-piece cold shrink splice body allows installation on a wide range of cable sizes and types and a fast and easy installation at temperatures ranging from - 20°C to + 50°C.
- The integrated, semi-conductive electrode forms a faraday cage over the connector and eliminates the use of tapes and void filling.
- Solderless earth connection by means of copper screen sleeve and constant force springs.



Product Id	Part Number	Product	MOQ	Order Unit
7100095148		3M™ Cold Shrink Medium Voltage Splice Joint Kit QS200 Splice Kit 93-AK xx0-1, 220-1 with HS re-jacketing, application up to 24kV, Pack 1 per case	1	Kit
7100095951		3M™ Cold Shrink Medium Voltage Splice Joint Kit QS200 Splice Kit 93-AK xx0-1, 220-1/C with HS re-jacketing, application up to 24 kV, Kit includes mechanical connector. Pack 1 per case	1	Kit
7100095952		3M™ Cold Shrink Medium Voltage Splice Joint Kit QS200 Splice Kit 93-AK xx0-1, 221-1/C with HS re-jacketing, application up to 24 kV, Kit includes mechanical connector, Pack 1 per case	40	Kit
7100096023		3M™ Cold Shrink Medium Voltage Splice Joint Kit QS200 Splice Kit 93-AK xx0-1, 230-1 with HS re-jacketing, application up to 24 kV, Pack 1 per case	1	Kit
7100096024		3M™ Cold Shrink Medium Voltage Splice Joint Kit QS200 Splice Kit 93-AK xx0-1, 230-1/C with HS re-jacketing, application up to 24k V, Kit includes mechanical connector, Pack 1 per case	1	Kit
7100066093		3M™ Cold Shrink Medium Voltage splice joint kit QS200 93-AK 620-1/C, application up to 24kV, kit includes mechanical connector. Pack 1 per case	1	Kit
7100081302		3M™ Cold Shrink Medium Voltage splice joint kit QS200 93-AK 630-1/C, application up to 24kV. kit includes mechanical connector. Pack 1 per case.	18	Kit
7100066017		3M™ Cold Shrink Medium Voltage splice joint kit QS200 93-AK, 620-1, application up to 24kV, Pack 1 per case	1	Kit
7100067139	93-AK621-1/C	3M™ Cold Shrink Medium Voltage splice joint kit QS200 93-AK, 621-1/C, application up to 24 kV, kit includes mechanical connector, Pack 1 per case	1	Kit
7100066602		3M™ Cold Shrink Medium Voltage splice joint kit QS200 93-AK, 630-1, application up to 24 kV, Pack 1 per case	1	Kit

Splices & Accessories

Focus

3M™ Cold Shrink Medium Voltage splice kit QS200 92-AK xx0-1

3M™ Cold Shrink Medium Voltage splice kit series QS200 92-AK xx0-1 are designed for inline splicing up to 12 kV Umax voltage class, to connect single core polymeric power cable systems with copper wire screen according to HD 620 (IEC 60502).



- The versatile design of the prefabricated one-piece cold shrink splice body allows installation on a wide range of cable sizes and types and a fast and easy installation at temperatures ranging from - 20°C to + 50°C.
- The integrated, semi-conductive electrode forms a faraday cage over the connector and eliminates the use of tapes and void filling.
- Solderless earth connection by means of copper screen sleeve and constant force springs.

Product Id	Part Number	Product	MOQ	Order Unit
7100095953		3M™ Cold Shrink Medium Voltage Splice Joint Kit QS200 Splice Kit 92-AK xx0-1, 210-1/C with HS rejacketing, application up to 12 kV, Kit includes mechanical connector, Pack 1 per case	54	Kit
7100095758		3M™ Cold Shrink Medium Voltage Splice Joint Kit QS200 Splice Kit 92-AK xx0-1, 220-1 with HS rejacketing, application up to 12 kV, Pack 1 per case	40	Kit
7100095962		3M™ Cold Shrink Medium Voltage Splice Joint Kit QS200 Splice Kit 92-AK xx0-1, 220-1/C with HS rejacketing, application up to 12kV. Kit includes mechanical connector. Pack 1 per case.	40	Kit
7100066018		3M™ Cold Shrink Medium Voltage splice joint kit QS200 92-AK 610-1/C, application up to 12kV. kit includes mechanical connector. Pack 1 per case	1	Kit
7100112878	92-AK620-1	3M™ Cold Shrink Medium Voltage splice joint kit QS200 92-AK 620-1, application up to 12kV, Pack 1 per case	1	Kit
7100066094		3M™ Cold Shrink Medium Voltage splice joint kit QS200 92-AK 620-1/C, application up to 12kV. kit includes mechanical connector. Pack 1 per case	1	Kit
7100066016		3M™ Cold Shrink Medium Voltage splice kit QS200 92-AK xx0-1, 610-1, application up to 12kV, Pack 1 per case	1	Kit

Splices & Accessories

3M™ Cold Shrink Medium Voltage Splice Kit QS200 92-AK xx3-1

3M™ Cold Shrink Medium Voltage splice kit series QS200 92-AK xx3-1 are designed for inline splicing up to 12 kV Umax voltage class, to connect single core polymeric power cable systems with copper tape screen and armour, according to HD 620 (IEC 60502).

- The versatile design of the prefabricated one-piece cold shrink splice body allows installation on a wide range of cable sizes and types and a fast and easy installation at temperatures ranging from - 20°C to + 50°C.
- The integrated, semi-conductive electrode forms a faraday cage over the connector and eliminates the use of tapes and void filling.
- Solderless earth connection by means of copper screen sleeve and constant force springs.



Product Id	Part Number	Product	MOQ	Order Unit
7100109525		3M™ Cold Shrink Medium Voltage splice joint kit QS200 Splice Kit 92-AK 633-1/C, application up to 12kV, Kit includes mechanical connector, Pack 1 per case	100	Kit

3M™ Cold Shrink Medium Voltage Monoblock Splice Kit QS200 93-AK xx0-1/MB

3M™ Cold Shrink Medium Voltage Monoblock splice kit series QS200 93-AK xx0-1/MB are designed for inline splicing up to 24 kV Umax voltage class, to connect single core polymeric power cable systems with copper wire screen according to HD 620 (IEC 60502).

- The pre-fabricated Monoblock splice ensures a fast installation, very short parking position and all pre-fabricated splice parts in the exact position.
- The integrated, semi-conductive electrode forms a faraday cage over the connector and eliminates the use of tapes and void filling.
- The already centered copper screen sleeve only needs screen connections with solderless constant force springs.



Product Id	Part Number	Product	MOQ	Order Unit
7000092361		3M™ Cold Shrink Medium Voltage splice joint kit QS200 Monoblock 93-AK 620-1MB/C, application up to 24kV, kit includes mechanical connector. Pack 1 per case.	1	Kit
7000092362		3M™ Cold Shrink Medium Voltage splice joint kit QS200 Monoblock 93-AK 640-1MB/C, application up to 24kV, kit includes mechanical connector. Pack 1 per case.	1	Kit

Focus

3M™ Scotchcast™ Resin Kit Series 92-A

3M™ Scotchcast Resin Kit 92-A series is designed with a specific resin injection system and the product options cover cables up to 240 mm² with maximum voltage up to 12 kV.

- Flame retardant and chemical resistant product option available
- Transition joint solution
- Universal resin injection system

Product Id	Part Number	Product	MOQ	Order Unit
7100110133		3M™ Scotchcast™ Resin kit Series 92-A, 22 FR, application up to 6 kV, 3×16-3×70 mm², flame-retardant resin 1402FR, pack 1/Case	10	Kit
7100110132		3M™ Scotchcast™ Resin kit Series 92-A, 26 UA, application up to 12 kV, 3×50-3×240 mm², flame-retardant resin 1402FR, pack 1/Case	1	Kit

Splices & Accessories

Resin Joints & Splices

Focus

3M™ Scotchcast™ Resin Joint Kit Series

3M™ Scotchcast™ Premium Resin Cable Joint Kits feature Scotchcast™ Electrical Insulating Resin 40, which is a high-quality, two-part polyurethane compound designed for general purpose electrical insulation, moisture sealing and mechanical protection.

- All products in this range utilise the “Express” one-part mould body
- Provides time and cost savings through extra-fast setup
- Hydrophobic polyurethane resin



Product Id	Part Number	Product	MOQ	Order Unit
7000035343	92-NBA 6	3M™ Scotchcast™ Resin Joint Kit Series, 92-NBA6, 1 kV	1	Kit
7000092599	92-NBA 0	3M™ Scotchcast™ Resin Joint Kit Series, 92-NBA Size A0, 1kV	10	Kit
7000092600	92-NBA 1	3M™ Scotchcast™ Resin Joint Kit Series, 92-NBA Size A1, 1kV	10	Kit
7000092601	92-NBA 2	3M™ Scotchcast™ Resin Joint Kit Series, 92-NBA Size A2, 1kV	10	Kit
7000092602	92-NBA 3	3M™ Scotchcast™ Resin Joint Kit Series, 92-NBA Size A3, 1kV	10	Kit
7000092603	92-NBA 4	3M™ Scotchcast™ Resin Joint Kit Series, 92-NBA Size A4, 1kV	2	Kit
7000035342	92-NBA 5	3M™ Scotchcast™ Resin Joint Kit Series, 92-NBA Size A5, 1kV	2	Kit
7000035344	92-NBA 7	3M™ Scotchcast™ Resin Joint Kit Series, 92-NBA Size A7, 1kV	1	Kit
7000092604	92-NBA 1C	3M™ Scotchcast™ Resin Joint Kit Series, 92-NBA, Size A1, 1kV, Kit includes mechanical connector, Pack 1 per case	10	Kit
7000092605	92-NBA 3C	3M™ Scotchcast™ Resin Joint Kit Series, 92-NBA, Size A3, 1kV, Kit includes mechanical connector, Pack 1 per case	10	Kit
7000035349	92-NBB 1	3M™ Scotchcast™ Resin branch kit series 92-NBB size B1, 1 kV.	10	Kit
7000092626	92-NBB 2	3M™ Scotchcast™ Resin branch kit series 92-NBB size B2, 1 kV	2	Kit

Splices & Accessories

Focus

3M™ Scotchcast™ Resin Kit 92-NBA GS

3M™ Scotchcast™ Resin kit 92-NBA GS is a premium inline electrical splice, suitable up to 1 kV application. It contains the high-performance, epoxy-based, CMR-free 3M™ Scotchcast™ Resin 4 GS that changes colour after the two components of the resin have been correctly mixed. The innovative 3M closed mix & pouring system ensures quick and clean delivery of the resin into the one piece mould body design.



- Inline electrical splicing kit with high-performance, epoxy-based resin free from CMR substances, isocyanate, halogen, and SVHC content
- Indoor and outdoor use, underground and submerged applications
- Temperature for continuous operation: -40 °C to +110 °C

Product Id	Part Number	Product	MOQ	Order Unit
7100229879		3M™ Scotchcast™ Resin Kit 92-NBA GS, Size 0, Cross Section 4x1.5-4x4 mm2, 10 Kits per case	10	Kit
7100229880		3M™ Scotchcast™ Resin Kit 92-NBA GS, Size 1, Cross Section 4x1.5-4x10mm2, 10 Kits per case	10	Kit
7100229878		3M™ Scotchcast™ Resin Kit 92-NBA GS, Size 1C With Connector, Cross Section 5x1.5-5x6 mm2, 10 Kits per case.	10	Kit
7100229876		3M™ Scotchcast™ Resin Kit 92-NBA GS, Size 2, Cross Section 4x6-4x16 mm2, 10 Kits per case.	10	Kit
7100229841		3M™ Scotchcast™ Resin Kit 92-NBA GS, Size 3, Cross Section 4x16-4x25 mm2, 10 Kits per case.	10	Kit
7100229875		3M™ Scotchcast™ Resin Kit 92-NBA GS, Size 3C With Connector, Cross Section 5x1.5-5x16 mm2, 10 Kits per case.	10	Kit
7100229842		3M™ Scotchcast™ Resin Kit 92-NBA GS, Size 4, Cross Section 4x25-4x50 mm2, 2 Kits per case.	2	Kit
7100229874		3M™ Scotchcast™ Resin Kit 92-NBA GS, Size 5, Cross Section 4x50-4x95 mm2, 2 Kits per case.	2	Kit
7100229873		3M™ Scotchcast™ Resin Kit 92-NBA GS, Size 6, Cross Section 4x70-4x120 mm2, 1 Kit per case.	1	Kit
7100229872		3M™ Scotchcast™ Resin Kit 92-NBA GS, Size 7, Cross Section 4x120-4x240 mm2, 1 Kit per case.	1	Kit

Splices & Accessories

3M™ Scotchcast™ Resin Kit 92-NBB GS

3M™ Scotchcast™ Resin kit 92-NBB GS is a premium Y-branch electrical splice, suitable up to 1 kV application. It contains the high-performance, epoxy-based, CMR-free 3M™ Scotchcast™ Resin 4 GS that changes colour after the two components of the resin have been correctly mixed. The innovative 3M closed mix & pouring system ensures quick and clean delivery of the resin into the transparent mould body design.



- Y-branch electrical splicing kit with high-performance, epoxy-based resin free from CMR substances, isocyanate, halogen, and SVHC content
- Indoor and outdoor use, underground and submerged applications
- Temperature for continuous operation: -40 °C to +110 °C

Product Id	Part Number	Product	MOQ	Order Unit
7100229885		3M™ Scotchcast™ Resin Kit 92-NBB GS, Size 1C With Connector, Cross Section 4x2.5-4x10 mm2 (main and branch), 10 Kits per case.	10	Kit
7100229884		3M™ Scotchcast™ Resin Kit 92-NBB GS, Size 2, Cross Section 4x4-4x35 mm2 (main), 4x4-4x25 mm2 (branch), 2 Kits per case.	2	Kit
7100229855		3M™ Scotchcast™ Resin Kit 92-NBB GS, Size 2C With Connector, Cross Section 4x4-4x16 mm2 (main and branch), 2 Kits per case.	2	Kit
7100229871		3M™ Scotchcast™ Resin Kit 92-NBB GS, Size 0, Cross Section 4x1.5-4x4 mm2 (main and branch), 10 Kits per case.	10	Kit
7100229886		3M™ Scotchcast™ Resin Kit 92-NBB GS, Size 1, Cross Section 4x2.5-4x16 mm2 (main and branch), 10 Kits per case.	10	Kit

3M™ Scotchcast™ Resin Kit 92-NBC GS

3M™ Scotchcast™ Resin kit 92-NBC GS is a premium T-branch electrical splice, suitable up to 1 kV application. It contains the high-performance, epoxy-based, CMR-free 3M™ Scotchcast™ Resin 4 GS that changes colour after the two components of the resin have been correctly mixed. The innovative 3M closed mix & pouring system ensures quick and clean delivery of the resin into the transparent mould body design.



- T-branch electrical splicing kit with high-performance, epoxy-based resin free from CMR substances, isocyanate, halogen, and SVHC content
- Indoor and outdoor use, underground and submerged applications
- Temperature for continuous operation: -40 °C to +110 °C

Product Id	Part Number	Product	MOQ	Order Unit
7100229424		3M™ Scotchcast™ Resin Kit 92-NBC GS, Size 2, Cross Section 4x4-4x35 mm2 (main), 4x4-4x25 mm2 (branch), 2 Kits per case.	1	Kit
7100229606		3M™ Scotchcast™ Resin Kit 92-NBC GS, Size 2C With Connector, Cross Section 4x4-4x16 mm2 (main and branch), 2 Kits per case.	2	Kit

Splices & Accessories

Twist-on Wire Connectors

Focus

3M™ Wire Connectors

3M™ Wire Connector electrically connects two or more conductor ends in a pigtail application and insulates the connection. The improved spring bites wire quickly with less effort and accommodates a wide range of wire gauges.

- Strong bite for a secure, reliable wire connection
- Flexible skirt helps protect workers from contact with over stripped wires
- Flexible spring expands for greater wire range and reuse



Product Id	Part Number	Product	MOQ	Order Unit
7100136914	S/LOKBGN	3M™ Wire Connectors, B/G+POUCH, 50 per bag, 500 per case	500	Each
7100136913	O/B+	3M™ Wire Connectors, O/B+BOX, 100 per box, 1000 per case	1000	Each
7100136954	SLOKRY	3M™ Wire Connectors, R/Y+POUCH, 100 per bag, 1000 per case	1000	Each
7100136955	SLOKTY	3M™ Wire Connectors, T/Y+Pouch, 100 per Box	1000	Each

Focus

3M™ Direct Bury Splice Kit

3M™ Direct Bury Splice Kit is a premium moisture resistant electrical connector. This direct bury splice kit contains 3M Spring Connector.

- Excellent for water-intensive applications such as golf courses, irrigation controls and outdoor lighting
- Contains 3M™ Spring Connector with different sizes depending on varying wire gages
- UL listed for direct bury and rated for 600 V



Product Id	Part Number	Product	MOQ	Order Unit
7000006238	DBO-B	3M™ Direct Bury Splice Kit, DBO/B-6 (Bulk), 18-10 AWG, 100 per case	100	Each
7000006235	DBR-Y	3M™ Direct Bury Splice Kit, DBR/Y-6(BULK), 18-10 AWG, 100 per case	100	Each



Tapes

Scotch® Professional Grade PVC Electrical Tape

Scotch® Super 33+™

Professional Grade PVC Electrical Tape

For your most demanding electrical construction and maintenance and repair jobs where reliable performance and quality is essential, turn to Scotch® Super 33+™ PVC Electrical Tape. Its unique combination of aggressive pressure sensitive, rubber resin adhesive and elastic PVC backing offers both moisture-tight electrical and mechanical protection. Its excellent strength, flexibility and ability to recover means it can stretch up to 250% without breaking.



Medium to heavy duty



Extreme temperatures



Moist and corrosive environments



Superior stretch and adhesion

Product highlights:

- ▶ Stretch and flexibility to conform to odd shapes and create nice, tight seals for electrical connections and critical applications
- ▶ Resistant to UV rays, abrasion, moisture, alkalies, acids, corrosion and varying weather conditions
- ▶ Provides excellent insulation and adhesion in all weather conditions with long-lasting performance between -18°C and 105°C
- ▶ Compatible with rubber and synthetic splicing compounds
- ▶ Long-lasting harnessing of wires and cables
- ▶ CSA and VDE Certified, UL 510 Listed, IEC 60454-3-1-7/F-PVCP/90 and RoHS2015/863/EU Compliant

Scotch® Super 88

Heavy-Duty Grade PVC Electrical Tape

For challenging environmental conditions, choose Scotch® Super 88 Tape. Made of a thicker, more durable PVC backing and the same great premium grade adhesive as Scotch® Super 33+™ Tape, it performs in all weather, providing protection you can trust.



Heavy duty



Extreme temperatures



Thicker and more durable



Excellent stretch and adhesion

Product highlights:

- ▶ Resistant to UV rays, abrasion, moisture, alkalies, acids, and corrosion
- ▶ Thicker backing for extra padding, increased durability, faster build-up / less wraps
- ▶ Provides added insulation and excellent adhesion to steel in all weather conditions
- ▶ Excellent hot and cold weather performance between -18°C and 105°C
- ▶ Compatible with rubber and synthetic splicing compounds, solid dielectric cable insulations, as well as epoxy and polyurethane resins
- ▶ Great protective jacketing for high-voltage cable splices and repairs
- ▶ CSA and VDE Certified, UL 510 Listed, IEC 60454-3-1-7/F-PVCP/90 and RoHS2015/863/EU Compliant

Scotch® 35

Professional Grade PVC Electrical Tape

Available in a wide variety of colours, Scotch® Tape 35 is your go-to solution for phase identification, colour coding, marking in demanding or harsh environments. It stretches easily and adheres in almost any shape or angle for maximum versatility.



Medium to heavy duty



Marking and colour-coding



Fade-resistant for outdoor use



Excellent stretch and adhesion

Product highlights:

- ▶ Suitable for harsh indoor and weather protected outdoor uses between -10°C and 105°C
- ▶ More permanent phase identification
- ▶ Long-lasting, fade-resistant marking for safety areas and equipment
- ▶ Easily identified insulation for electrical wiring
- ▶ Marking and identifying cables on cell sites
- ▶ CSA and VDE Certified, UL 510 Listed, IEC 60454-3-1-6/F-PVCP/90 and RoHS2015/863/EU Compliant
- ▶ Available colours:



The Tape for Every Task

– 3M Electrical Tapes Guide

Still not sure which 3M™ PVC Electrical Tape is right for your application?
Use this simple chart to compare the options or visit www.3M.co.uk/electrical

General use				Professional grade		
Typical values	3M™ Temflex™ Tape 155	3M™ Temflex™ Tape 165	3M™ Temflex™ Tape 175	Scotch® Tape 35	Scotch® Super 33+™ Tape	Scotch® Tape Super 88
Best for	Simple light tasks	Medium duty applications	Medium duty	Medium to heavy duty	Medium to heavy duty	Heavy duty
Target applications	General bundling, marking, and secondary insulation	Temporary and/or non-critical marking, bundling, holding and secondary insulation	Semi-permanent bundling, holding and secondary insulation	Long lasting colour identification and marking	Permanent, low-voltage primary and secondary insulation, cable jacketing and mechanical protection	Permanent low-voltage primary and secondary insulation, cable jacketing, mechanical protection and padding
Application environment	Normal temperatures and ambient conditions	Moderate temperatures and conditions	Moderate temperatures and conditions	Harsh temperatures and moist or corrosive conditions	Extreme temperatures and moist or corrosive conditions	Extreme temperatures and moist, corrosive or rough conditions
Certifications	IEC 60454-3-1-1/F-PVCP/60 and RoHS2015/863/ EU Compliant	VDE Certified, UL 510 Listed, IEC 60454-3-1-5/F-PVCP/90 and RoHS2015/863/ EU Compliant	UL 510 Listed, IEC 60454-3-1-6/F-PVCP/90 and RoHS2015/863/ EU Compliant	CSA and VDE Certified, UL 510 Listed, IEC 60454-3-1-6/F-PVCP/90 and RoHS2015/863/ EU Compliant	CSA and VDE Certified, UL 510 Listed, IEC 60454-3-1-7/F-PVCP/90 and RoHS2015/863/ EU Compliant	CSA and VDE Certified, UL 510 Listed, IEC 60454-3-1-7/F-PVCP/90 and RoHS2015/863/ EU Compliant
Operating temperature ¹	0 to 60°C	0 to 90°C	-10 to 90°C	-10 to 105°C	-18 to 105°C	-18 to 105°C
Thickness	0.13mm	0.15mm	0.18mm	0.18mm	0.18mm	0.22mm
Sticking power (Adhesion to steel)	1.8 N/10mm	2 N/10mm	2 N/10mm	2.2 N/10mm	3 N/10mm	3 N/10mm
Stretch ² (Elongation)	150%	200%	200%	225%	250%	250%
Strength ² (Backing strength)	19.2 N/10mm	23.1 N/10mm	26.9 N/10mm	30 N/10mm	26.3 N/10mm	35 N/10mm
Insulation ² (Dielectric strength)	39 kV/mm	39 kV/mm	39 kV/mm	49 kV/mm	45 kV/mm	45 kV/mm
Colour details ³						

¹ Temperature range may vary by local agency standards.

² Based on ASTM D 1000. Not for specifications. Values are typical, not to be considered minimum or maximum. Properties measured at room temperature 23°C unless otherwise stated.

³ Not all colours available globally. Other colours may also be available in your local market. Yellow/green typical values may vary. See local datasheet for details.

3M™ Temflex™ General Use PVC Electrical Tape

3M™ Temflex™ 155

General Use PVC Electrical Tape

3M™ Temflex™ Tape 155 is your economic solution for basic everyday wire marking, insulating and bundling in ambient conditions. Perfect for general daily taping needs.



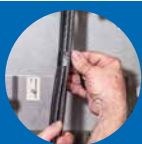
Simple light tasks



Wire pulling



Residential applications



Temporary bundling

Product highlights:

- ▶ Ideal for basic professional, DIY and hardware applications
- ▶ Basic adhesion and strength for everyday needs
- ▶ Suitable for ambient indoor uses and temperatures between 0 and 60°C
- ▶ IEC 60454-3-1-1/F-PVCP/60 and RoHS2015/863/EU compliant
- ▶ Available colours:



3M™ Temflex™ 165

General Use PVC Electrical Tape

When you need a dependable general purpose PVC electrical tape, use 3M™ Temflex™ Tape 165. This affordable solution offers reliable performance for protective jacketing, harnessing, marking and insulating low voltage cables in non-critical applications.



Medium duty applications



Wire identification



Wire and cable bundling



Good stretch and adhesion

Product highlights:

- ▶ More stretch and flexibility than 3M™ Temflex™ Tape 155 for better general use bundling, insulation, and sealing
- ▶ Suitable for moderate indoor and weather protected outdoor uses between 0°C and 90°C
- ▶ Ideal for general use insulation, colour coding for phase identification, wire marking and safety
- ▶ Electrical insulation for wire and cable splices rated up to 600 volts
- ▶ VDE Certified, UL 510 Listed, IEC 60454-3-1-5/F-PVCP/90 and RoHS2015/863/EU Compliant
- ▶ Available colours:



3M™ Temflex™ 175

General Use PVC Electrical Tape

3M™ Temflex™ Tape 175 is a thicker and more durable general purpose electrical tape. This tape solution offers value and reliable performance for protective jacketing, harnessing and insulating low voltage cables.



Medium duty



Protective jacketing



Durable wire bundling



Better adhesion and stretch

Product highlights:

- ▶ Better adhesion and stretch than 3M™ Temflex™ Tape 165 and thicker for more tough, demanding general use applications
- ▶ Suitable for moderate indoor and weather protected outdoor uses in a wider temperature range between -10°C and 90°C
- ▶ Provides a protective jacket for high-voltage cable splices and repairs
- ▶ Electrical insulation for wire and cable splices rated up to 600 volts
- ▶ Available in black only
- ▶ UL 510 Listed, IEC 60454-3-1-6/F-PVCP/90 and RoHS2015/863/EU Compliant

Vinyl Electrical Tapes

Focus

Scotch® Vinyl Electrical Tape Super 88

Scotch® Vinyl Electrical Tape Super 88 is a premium grade, all-weather PVC insulating tape. This electrical tape combines elastic backing and an aggressive adhesive to provide moisture-tight electrical and mechanical protection with minimum bulk.

- The combination of the pressure-sensitive, rubber-resin adhesive and the PVC backing offers excellent electrical and mechanical protection
- Premium grade, all-weather PVC insulating tape
- Provides moisture-tight electrical and mechanical protection with minimum bulk



Product Id	Part Number	Product	MOQ	Order Unit
7000057833	Super 88 38×33	Scotch® Vinyl Electrical Tape Super 88, Black, 19 mm x 6 m	10	Roll
7000058434	Super88-19×20	Scotch® Vinyl Electrical Tape Super 88, Black, 19 mm x 33m, 48 per case	1	Roll
7100079942		Scotch® Vinyl Electrical Tape Super 88, Black, 19mm x 20m	100	Roll
7000058250	E0752454	Scotch® Vinyl Electrical Tape Super 88, Black, 25 mm x 20 m, Bagged, 38mm core	80	Roll
7000057832	Super 88 38×33	Scotch® Vinyl Electrical Tape Super 88, Black, 25 mm x 33 m	1	Roll
7000031459	Super 88 38×33	Scotch® Vinyl Electrical Tape Super 88, Black, 38 mm x 33 m	12	Roll
7000006093	Super 88 38×33	Scotch® Vinyl Electrical Tape Super 88, Black, 50 mm x 33 m	12	Roll
7000058433	88S3813	Scotch® Vinyl Electrical Tape Super 88, Super, 38 mm x 13.4 m, 100 per case	100	Roll

Focus

Scotch® Vinyl Electrical Tape 33

Scotch® Vinyl Electrical Tape 33 is a thick, PVC electrical tape that provides electrical insulation for all wires and cables rated up to 600V. The flame-retardant tape withstands a temperature range of 0 to 80 degrees C. Applications include cable insulation, moisture protection and cable jacket repair.

- The combination of the pressure-sensitive, rubber-resin adhesive and the PVC backing offers electrical and mechanical protection
- Resists UV rays, abrasion, moisture, alkalis, solvents and acids
- Withstands a temperature range of 0 to 80 degrees C



Product Id	Part Number	Product	MOQ	Order Unit
7000057496		Scotch® Vinyl Electrical Tape 33, Black, 12.7 mm x 33 m	48	Roll
7000057497		Scotch® Vinyl Electrical Tape 33, Black, 19 mm x 33 m	48	Roll
7000057498		Scotch® Vinyl Electrical Tape 33, Black, 25 mm x 33 m	48	Roll
7000057499	Super 33+ 38×33	Scotch® Vinyl Electrical Tape 33, Black, 38 mm x 33 m	12	Roll
7000057500	T335033	Scotch® Vinyl Electrical Tape 33, Black, 50 mm x 33 m	12	Roll

Tapes

Focus

Scotch® Vinyl Color-Coding Electrical Tape 35

Scotch® Vinyl Color Coding Electrical Tape 35 is premium grade, colour coded electrical PVC tape. This flame retardant tape is suitable for use in phase identification, colour coding of leads and piping systems and for marking safety areas. This tape is 600V rated and withstands a temperature range of -10 to 90 °C.



- Easy to handle and apply
- Protect electrical conductors, motor leads and piping from abrasion, acids, alkalis, corrosion, moisture and weather
- Available in nine fade resistant colours

Product Id	Part Number	Product	MOQ	Order Unit
7100238733	35BA1920	Scotch® Vinyl Color-Coding Electrical Tape 35, Blue, 19 mm x 20 m	20	Roll
7100239020	1812958	Scotch® Vinyl Color-Coding Electrical Tape 35, Brown, 19 mm x 20 m	20	Roll
7100238734	35-19X20GN	Scotch® Vinyl Color-Coding Electrical Tape 35, Green, 19 mm x 20 m	20	Roll
7100239019	1812957	Scotch® Vinyl Color-Coding Electrical Tape 35, Grey, 19 mm x 20 m	20	Roll
7100238737	35-19X20OR	Scotch® Vinyl Color-Coding Electrical Tape 35, Orange, 19 mm x 20 m	20	Roll
7100238735	35RD1920	Scotch® Vinyl Color-Coding Electrical Tape 35, Red, 19 mm x 20 m	20	Roll
7100240608	351920WH	Scotch® Vinyl Color-Coding Electrical Tape 35, White, 19 mm x 20 m	20	Roll
7100238736	35-19X20YL	Scotch® Vinyl Color-Coding Electrical Tape 35, Yellow, 19 mm x 20 m	20	Roll
7100239084	35-19X20OVI	Scotch® Vinyl Colour-Coding Electrical Tape 35, Violet, 19 mm x 20 m	20	Roll

Focus

Scotch® Vinyl Electrical Tape Super 33+

Scotch® Vinyl Electrical Tape Super 33+ is the original, market-leading PVC insulating tape. This professional grade tape is highly conformable, with good flexibility for moisture-tight electrical and mechanical protection.



- Highly conformable with good flexibility – for moisture-tight electrical and mechanical protection with minimum bulk
- Keep a high level of performance in ambient temperatures up to 105°C
- Suitable for cold weather applications down to -18°C, without becoming brittle

Product Id	Part Number	Product	MOQ	Order Unit
7000058808	335033	Scotch® Vinyl Electrical Tape Super 33+, 50 mm x 33 m, Bulk on 25mm Core, 25 rolls per case	25	Roll
7000058432	33619	Scotch® Vinyl Electrical Tape Super 33+, Black, 19 mm x 6 m, 10 rolls / carton	100	Roll
7000042541	Super 33+ 19x20	Scotch® Vinyl Electrical Tape Super 33+, Black, 19 mm x 20 m	100	Roll
7000057831	Super 33+ 19x33	Scotch® Vinyl Electrical Tape Super 33+, Black, 19 mm x 33 m	48	Roll
7000043003	Super 33+ 25x33	Scotch® Vinyl Electrical Tape Super 33+, Black, 25 mm x 33 m	48	Roll
7000031512	3338X33	Scotch® Vinyl Electrical Tape Super 33+, Black, 38 mm x 33 m, Bagged	50	Roll

Tapes

Focus

Scotch® Vinyl Electrical Tape 22

Scotch® Vinyl Electrical Tape 22 is a heavy duty PVC tape. This thick tape is designed for increased mechanical strength and abrasion resistance.



- Thick tape provides increased mechanical strength and abrasion resistance
- Suitable for all heavy-duty applications, including bus bar insulations, harnessing, cable sheath repair and sealing connectors
- Conformable and suitable for cold weather applications down to -10 °C

Product Id	Part Number	Product	MOQ	Order Unit
7000057495	22 12×33	Scotch® Vinyl Electrical Tape 22, Black, 12 mm x 33 m	48	Roll
7000031344	22 19×33	Scotch® Vinyl Electrical Tape 22, Black, 19 mm x 33 m	48	Roll
7000042539	22 25×33	Scotch® Vinyl Electrical Tape 22, Black, 25 mm x 33 m	48	Each
7000031345	22 38×33	Scotch® Vinyl Electrical Tape 22, Black, 38 mm x 33 m	1	Roll
7000031346	22 50×33	Scotch® Vinyl Electrical Tape 22, Black, 50 mm x 33 m	12	Roll

3M™ Easy Tape

3M™ Easy Tape is an orange PVC tape used for various building applications.

- Write on
- Easy to tear
- Highly conformable

Product Id	Part Number	Product	MOQ	Order Unit
7100071713		3M™ Easy Tape, Orange, 50 mm x 30 m	36	Roll
7100071688		3M™ Easy Tape, Orange, 75 mm x 30 m	24	Roll

Tapes

3M™ Temflex™ Pre-printed Phase Marking Tape

3M™ Temflex™ Pre-printed Phase Marking Tapes are a range of 4 electrical 0.18 mm thick PVC marking tapes for individual phase identification. This tape provides excellent insulation and mechanical protection properties and is also flame retardant.



- Offer excellent resistance to abrasion, acid, alkalis, corrosion, moisture and varying weather conditions – including sunlight
- Options available; L1, L2, L3 black tape with white characters or white tape with black characters, Neutral white tape with black characters or blue tape with white characters
- UL510 approved

Product Id	Part Number	Product	MOQ	Order Unit
7000106654	TX15L1	3M™ Temflex™ 1700P L1 Vinyl Electrical Tape, Black, 15 mm x 10 m	100	Each
7000106655	TX15L2	3M™ Temflex™ 1700P L2 Vinyl Electrical Tape, Black, 15 mm x 10 m	100	Each
7000106656	TX15L3	3M™ Temflex™ 1700P L3 Vinyl Electrical Tape, Black, 15 mm x 10 m	100	Each
7000106657	TX15N	3M™ Temflex™ 1700P N Vinyl Electrical Tape, Blue, 15 mm x 10 m	100	Each
7000076885		3M™ Temflex™ Pre-printed Phase Marking Tape, 15 mm x 10 m, 100 rolls	100	Each
7000076886		3M™ Temflex™ Pre-printed Phase Marking Tape, (L1), 15 mm x 10 m, 100 rolls	100	Each
7000076887		3M™ Temflex™ Pre-printed Phase Marking Tape, (L2), 15 mm x 10 m, 100 rolls	100	Each
7000076888		3M™ Temflex™ Pre-printed Phase Marking Tape, (L3), 15 mm x 10 m, 100 rolls	100	Each
7000076889		3M™ Temflex™ Pre-printed Phase Marking Tape, N, 15 mm x 10 m, 100 rolls	100	Each

Focus

3M™ Temflex™ Vinyl Electrical Tape 155

3M™ Temflex™ Vinyl Electrical Tape 155 is a 0.13mm thick tape. Our general purpose PVC insulating tape can be used for wire and cable joints, repairs and harnessing. It's suitable for indoor and outdoor use. The product is Made in Europe* with an Innovative new manufacturing process that is 100% solvent free** (*/**Does not apply to Yellow/Green products)



- Offer good resistance to abrasion, alkalis, acid and varying weather conditions – including sunlight
- Available in industry standard colours
- Keep a high level of performance in ambient temperatures up to 60°C

Product Id	Part Number	Product	MOQ	Order Unit
7100184744	155BK5E	3M™ Temflex™ Vinyl Electrical Tape 155, Black, 19 mm x 20 m, 100 Rolls/Case	100	Roll
7100184745	155BL5E	3M™ Temflex™ Vinyl Electrical Tape 155, Blue, 19 mm x 20 m, 100 Rolls/Case	100	Roll
7100184746	155BR5E	3M™ Temflex™ Vinyl Electrical Tape 155, Brown, 19 mm x 20 m, 100 Rolls/Case	100	Roll
7100184747	155GR5E	3M™ Temflex™ Vinyl Electrical Tape 155, Green, 19 mm x 20 m, 100 Rolls/Case	100	Roll
7100222489	155YG5E	3M™ Temflex™ Vinyl Electrical Tape 155, Green/Yellow, 19 mm x 20 m, 100 Rolls/Case	100	Roll
7100184740	155GY5E	3M™ Temflex™ Vinyl Electrical Tape 155, Grey, 19 mm x 20 m, 100 Rolls/Case	100	Roll
7100319120	155RB5E	3M™ Temflex™ Vinyl Electrical Tape 155, Rainbow, 19 mm x 20 m, 10 rolls/pack, 10 packs/case	10	Kit
7100184741	155RD5E	3M™ Temflex™ Vinyl Electrical Tape 155, Red, 19 mm x 20 m, 100 Rolls/Case	100	Roll
7100184742	155WH5E	3M™ Temflex™ Vinyl Electrical Tape 155, White, 19 mm x 20 m, 100 Rolls/Case	100	Roll
7100184791	155YL5E	3M™ Temflex™ Vinyl Electrical Tape 155, Yellow, 19 mm x 20 m, 100 Rolls/Case	100	Roll

Tapes

Focus

3M™ Temflex™ Vinyl Electrical Tape 165

3M™ Temflex™ 165 Vinyl Electrical Tape is a 0.15 mm thick professional PVC insulating tape suitable for indoor or outdoor use. The product is Made in Europe* with an Innovative new manufacturing process that is 100% solvent free** (*/**Does not apply to Yellow/Green products)



- Offer good resistance to abrasion, acid, alkalis and varying weather conditions – including sunlight
- Provides high electric strength
- Keep a high level of performance in ambient temperatures up to 90°C

Product Id	Part Number	Product	MOQ	Order Unit
7100184723	165BK1E	3M™ Temflex™ Vinyl Electrical Tape 165, Black, 15 mm x 10 m, 100 Rolls/Case	100	Roll
7100184733	165BK2E	3M™ Temflex™ Vinyl Electrical Tape 165, Black, 15 mm x 25 m, 100 Rolls/Case	100	Roll
7100184800	165BK5E	3M™ Temflex™ Vinyl Electrical Tape 165, Black, 19 mm x 20 m, 100 Rolls/Case	100	Roll
7100184810	165BK6E	3M™ Temflex™ Vinyl Electrical Tape 165, Black, 19 mm x 25 m, 100 Rolls/Case	100	Roll
7100184820	165BK8E	3M™ Temflex™ Vinyl Electrical Tape 165, Black, 25 mm x 25 m, 100 Rolls/Case	100	Roll
7100184724	165BL1E	3M™ Temflex™ Vinyl Electrical Tape 165, Blue, 15 mm x 10 m, 100 Rolls/Case	100	Roll
7100184801	165BL5E	3M™ Temflex™ Vinyl Electrical Tape 165, Blue, 19 mm x 20 m, 100 Rolls/Case	100	Roll
7100184811	165BL6E	3M™ Temflex™ Vinyl Electrical Tape 165, Blue, 19 mm x 25 m, 100 Rolls/Case	100	Roll
7100184725	165BR1E	3M™ Temflex™ Vinyl Electrical Tape 165, Brown, 15 mm x 10 m, 100 Rolls/Case	100	Roll
7100184802	165BR5E	3M™ Temflex™ Vinyl Electrical Tape 165, Brown, 19 mm x 20 m, 100 Rolls/Case	100	Roll
7100184812	165BR6E	3M™ Temflex™ Vinyl Electrical Tape 165, Brown, 19 mm x 25 m, 100 Rolls/Case	100	Roll
7100184726	165GR1E	3M™ Temflex™ Vinyl Electrical Tape 165, Green, 15 mm x 10 m, 100 Rolls/Case	100	Roll
7100184803	165GR5E	3M™ Temflex™ Vinyl Electrical Tape 165, Green, 19 mm x 20 m, 100 Rolls/Case	100	Roll
7100184813	165GR6E	3M™ Temflex™ Vinyl Electrical Tape 165, Green, 19 mm x 25 m, 100 Rolls/Case	100	Roll
7100222491	165YG1E	3M™ Temflex™ Vinyl Electrical Tape 165, Green/Yellow, 15 mm x 10 m, 100 Rolls/Case	100	Roll
7100222493	165YG5E	3M™ Temflex™ Vinyl Electrical Tape 165, Green/Yellow, 19 mm x 20 m, 100 Rolls/Case	100	Roll
7100222494	165YG6E	3M™ Temflex™ Vinyl Electrical Tape 165, Green/Yellow, 19 mm x 25 m, 100 Rolls/Case	100	Roll
7100184727	165GY1E	3M™ Temflex™ Vinyl Electrical Tape 165, Grey, 15 mm x 10 m, 100 Rolls/Case	100	Roll
7100184804	165GY5E	3M™ Temflex™ Vinyl Electrical Tape 165, Grey, 19 mm x 20 m, 100 Rolls/Case	100	Roll
7100184814	165GY6E	3M™ Temflex™ Vinyl Electrical Tape 165, Grey, 19 mm x 25 m, 100 Rolls/Case	100	Roll
7100184728	165OR1E	3M™ Temflex™ Vinyl Electrical Tape 165, Orange, 15 mm x 10 m, 100 Rolls/Case	100	Roll
7100184805	165OR5E	3M™ Temflex™ Vinyl Electrical Tape 165, Orange, 19 mm x 20 m, 100 Rolls/Case	100	Roll
7100184729	165PR1E	3M™ Temflex™ Vinyl Electrical Tape 165, Purple, 15 mm x 10 m, 100 Rolls/Case	100	Roll
7100184806	165PR5E	3M™ Temflex™ Vinyl Electrical Tape 165, Purple, 19 mm x 20 m, 100 Rolls/Case	100	Roll
7100319119	165RB1E	3M™ Temflex™ Vinyl Electrical Tape 165, Rainbow, 15 mm x 10 m, 10 rolls/pack, 10 packs/case	10	Kit
7100184730	165RD1E	3M™ Temflex™ Vinyl Electrical Tape 165, Red, 15 mm x 10 m, 100 Rolls/Case	100	Roll
7100184807	165RD5E	3M™ Temflex™ Vinyl Electrical Tape 165, Red, 19 mm x 20 m, 100 Rolls/Case	100	Roll
7100184817	165RD6E	3M™ Temflex™ Vinyl Electrical Tape 165, Red, 19 mm x 25 m, 100 Rolls/Case	100	Roll
7100184731	165WH1E	3M™ Temflex™ Vinyl Electrical Tape 165, White, 15 mm x 10 m, 100 Rolls/Case	100	Roll
7100184808	165WH5E	3M™ Temflex™ Vinyl Electrical Tape 165, White, 19 mm x 20 m, 100 Rolls/Case	100	Roll
7100184818	165WH6E	3M™ Temflex™ Vinyl Electrical Tape 165, White, 19 mm x 25 m, 100 Rolls/Case	100	Roll
7100184732	165YL1E	3M™ Temflex™ Vinyl Electrical Tape 165, Yellow, 15 mm x 10 m, 100 Rolls/Case	100	Roll
7100184809	165YL5E	3M™ Temflex™ Vinyl Electrical Tape 165, Yellow, 19 mm x 20 m, 100 Rolls/Case	100	Roll
7100184819	165YL6E	3M™ Temflex™ Vinyl Electrical Tape 165, Yellow, 19 mm x 25 m, 100 Rolls/Case	100	Roll

MOQ : Minimum Order Quantity

Tapes

Focus

3M™ Temflex™ Vinyl Electrical Tape 175

3M™ Temflex™ tape 175 is a thicker and more durable general purpose electrical tape. This tape solution offers value and reliable performance for protective jacketing, harnessing and insulating low voltage cables.

- Good adhesion and stretch.
- 0.18mm thicker tape for tougher general use applications
- Indoor and weather protected outdoor uses in a wider temperature range between -10°C and 90°C



Product Id	Part Number	Product	MOQ	Order Unit
7100237741	175	3M™ Temflex™ Vinyl Electrical Tape 175, Black, 19 mm x 20 m, 100 Rolls/Case	100	Roll

3M™ Temflex™ Vinyl Electrical Tape 1800

3M™ Temflex™ Vinyl Electrical Tape 1800 Black is a 0.2 mm thick, general purpose insulating tape. This tape is suitable for indoor and outdoor applications.

- The combination of the rubber-resin adhesive and the PVC backing offers excellent electrical and mechanical protection
- Superb resistance to abrasion, acids, alkalis, copper corrosion, moisture and varying weather conditions
- Can be used above and below ground



Product Id	Part Number	Product	MOQ	Order Unit
7000076788	TX38BK	3M™ Temflex™ Vinyl Electrical Tape 1800, Black, 38 mm x 33 m	48	Roll
7000076787	T185033Z	3M™ Temflex™ Vinyl Electrical Tape 1800, Black, 50 mm x 33 m	36	Each

Rubber Electrical Tapes

Focus

Scotch® Cable Jacket Repair Tape 2234

Scotch® Cable Jacket Repair Tape 2234 is a professional grade mastic tape designed for jacket repair on cables such as portable power cables. It withstands a wide temperature range of -30 to 105 °C.



- Industrial-quality tape for repair of cable jackets
- Withstands a wide temperature range of -30 to 105 °C
- RoHS 2011/65/EU Compliant

Product Id	Part Number	Product	MOQ	Order Unit
7000006227	2234	Scotch® Cable Jacket Repair Tape 2234, 50.8 mm x 1820 mm, 1.52 mm	10	Roll

Focus

Scotch® Rubber Mastic Tape 2228

Scotch® Rubber Mastic Tape 2228 is a conformable self-fusing rubber electrical insulating and sealing tape with an EPR backing coated with mastic adhesive. This 2228 tape is suitable for low, medium and high voltage use.



- Provides protection against UV rays with its ethylene propylene rubber backing
- Primary electrical insulation for cable and wire connections and vibration padding for motor leads rated up to 1000 volts
- Thick construction allows quick application build-up and padding over irregular connections

Product Id	Part Number	Product	MOQ	Order Unit
7000006048	2228/25	Scotch® Rubber Mastic Tape 2228, Black, 25.4 mm x 3 m, 1.65 mm	12	Roll
7000005986	Scotch 2228	Scotch® Rubber Mastic Tape 2228, Black, 50.8 mm x 3 m, 1.65 mm	10	Roll

Tapes

Focus

Scotch® Rubber Splicing Tape 23

Scotch® Rubber Splicing Tape 23 is a highly conformable, self-amalgamating EPR (Ethylene Propylene Rubber) based tape for electrical applications. Our tapes can be used for insulation in low or high voltage applications and in joints up to 69 kV.

- Self-fusing, ethylene propylene rubber backing and highly conformable, rubber-resin adhesive
- Temperature rated for continuous adhesion to 90°C
- Stretch up to 100% for void-free, moisture-resistant insulation



Product Id	Part Number	Product	MOQ	Order Unit
7000034802	23194	Scotch® Rubber Splicing Tape 23, 19 mm x 4 m, Bulk	200	Roll
7000007286	Scotch 23 19x9,15	Scotch® Rubber Splicing Tape 23, 19 mm x 9.15 m, 0.76 mm	20	Roll
7000034804	23/19	Scotch® Rubber Splicing Tape 23, 19 mm x 9.15 m, Bulk	90	Roll
7000076543	23/257	Scotch® Rubber Splicing Tape 23, 25 mm x 7 m, 0.76 mm	10	Roll
7000034850	Scotch 23 25x9,15	Scotch® Rubber Splicing Tape 23, 25 mm x 9.15 m	32	Roll
7000138529	Scotch 23 38x9,15	Scotch® Rubber Splicing Tape 23, 38 mm x 9.15 m	20	Roll
7000138512		Scotch® Rubber Splicing Tape 23, 50 mm x 9.15 m	16	Roll
7000090116	23/191,5	Scotch® Rubber Splicing Tape 23, Black, 19 mm x 1.5 m, 0.76 mm, Bulk	250	Roll
7000089979	Scotch23-38x9.15-B	Scotch® Rubber Splicing Tape 23, Black, 38 mm x 9.15 m, 0.76 mm, Bulk	1	Roll

Focus

Scotch® Fire-Retardant Electric Arc Proofing Tape 77

Scotch® Tape 77 is a 30 mil thick, premium grade, flame retardant, electric arc proofing tape. This tape is 600V rated and is suitable to protect most types of electrical cables when exposed to potential failures in an adjacent cable. It is designed with a flexible unsupported elastomer, which makes it easy to apply and easy to remove for cable inspection.

- Specially formulated tape adhesive expands in fire to form a thick char build-up between the flame and the cable
- Conformability offers virtually wrinkle-free wrapping with minimal effort
- Firewall acts as a heat shield and flame barrier



Product Id	Part Number	Product	MOQ	Order Unit
7100004537	77	Scotch® Fire-Retardant Electric Arc Proofing Tape 77, Black, 38 mm x 6.1 m	10	Roll
7100004701		Scotch® Fire-Retardant Electric Arc Proofing Tape 77, Black, 76 mm x 6.1 m	10	Roll

Tapes

Focus

Scotch® Linerless Rubber Splicing Tape 130C

Scotch® Linerless Rubber Splicing Tape 130C is a highly conformable, linerless, ethylene rubber (EPR), high-voltage insulating tape. This self-bonding tape has excellent physical and electrical properties, which provide immediate moisture seals as well as void-free build-ups.

- Highly conformable, rubber-resin adhesive and the self-fusing, ethylene propylene, rubber backing provides UV resistance
- Designed to insulate splices and terminate cables whose overload temperatures can reach 130 °C
- Excellent electrical and mechanical properties offer a moisture seal and void-free buildups



Product Id	Part Number	Product	MOQ	Order Unit
7000006085	Scotch 130C	Scotch® Linerless Rubber Splicing Tape 130C, 19 mm x 9.1 m	24	Roll
7000006090	130C/2ES	Scotch® Linerless Rubber Splicing Tape 130C, 25 mm x 9.1 m	24	Roll
7000006086	130C/38	Scotch® Linerless Rubber Splicing Tape 130C, 38 mm x 9.1 m	12	Roll
7000006091	T130C50	Scotch® Linerless Rubber Splicing Tape 130C, 50 mm x 9.1 m	12	Roll

Focus

Scotch® Self-Fusing Silicone Rubber Electrical Tape 70

Scotch® Self-Fusing Silicone Rubber Electrical Tape 70 is a thick, high temperature arc-and track-resistant tape composed of self-fusing, inorganic silicone rubber.

- Silicone rubber backing and highly conformable, silicone adhesive
- Excellent track and arc resistance
- Withstands temperatures up to 180 °C



Product Id	Part Number	Product	MOQ	Order Unit
7000006225	Scotch 70	Scotch® Self-Fusing Silicone Rubber Electrical Tape 70, 25 mm x 9 m	24	Roll

Focus

Scotch® Electrical Semi-Conducting Tape 13

Scotch® Electrical Semi-Conducting Tape 13 is a highly conformable, semi-conducting, Ethylene Propylene Rubber (EPR)-based, high-voltage splicing tape. This semi-conducting tape lengthens easily to conform to irregular shapes and retains its conductivity when stretched.

- Replaces semi-conducting layer beneath metallic shield in various medium-voltage cable repairs and splices
- Electrically round-outs high-voltage connectors and bonds to insulating materials to minimise electrical stresses
- Withstands temperatures up to 90 °C



Product Id	Part Number	Product	MOQ	Order Unit
7000007284	Scotch 13	Scotch® Electrical Semi-Conducting Tape 13, 19 mm x 4,5 m, Black, 50 rolls/case	50	Roll
7000076542		Scotch® Electrical Semi-Conducting Tape 13, 19 mm x 4.6m	10	Roll
7000034848	T1338	Scotch® Electrical Semi-Conducting Tape 13, 38 mm x 9.14 m, 45 rolls per case	45	Roll
7000090113	Scotch13-19x2.25	Scotch® Electrical Semi-Conducting Tape 13, Black, 19 mm x 2.25 m, 0.76 mm	300	Roll

Tapes

Scotch® Self-Fusing Silicone Rubber Electrical Tape 70 HDT

Scotch® Self-Fusing Silicone Rubber Electrical Tape 70HDT is a heavy duty, high temperature arc and track resistant tape made of self-fusing, inorganic silicone rubber. This tape is very conformable and has high electric strength.

- Silicone rubber backing and highly conformable, silicone adhesive
- Triangular tapered edge profile (thicker in the middle)
- Withstands temperatures up to 180 °C.



Product Id	Part Number	Product	MOQ	Order Unit
7000133168	70HDT25	Scotch® Self-Fusing Silicone Rubber Electrical Tape 70 HDT, 25 mm x 9 m	24	Roll

Duct Tapes

Focus

Scotch® Electricians Duct Tape 2000

Scotch® Electricians Duct Tape 2000 is a water resistant duct tape with polyvinyl chloride (PVC) backing and a rubber adhesive. This tape is an all-purpose electrician's utility tape for holding and bundling applications and can be easily applied to various surfaces – including carpets.

- Easy tear
- Easy, clean removal with minimal residue
- Ideal for holding and bundling cables



Product Id	Part Number	Product	MOQ	Order Unit
7000076790	Scotch 2000	Scotch® Electricians Duct Tape 2000, Grey, 50 mm x 46 m	24	Roll

Tapes

Sealing Tapes

Focus

3M™ Scotch-Seal™ Mastic Tape Compound 2229

3M™ Scotch-Seal™ Mastic Tape Compound 2229 is a thick, highly conformable, tacky mastic pad on an easy release liner that's suitable for insulating, padding and sealing of objects that need to be protected from adverse environmental conditions. It withstands temperatures up to 90 °C.



- Excellent adhesion and sealing characteristics to metals, rubbers, synthetic cable, insulations and jackets
- For insulating electrical connections rated up to 1000 volts if over wrapped with vinyl or rubber electrical tape.
- Tape will not crack when subjected to repeated flexing

Product Id	Part Number	Product	MOQ	Order Unit
7000006032	T222925	3M™ Scotch-Seal™ Mastic Tape Compound 2229, 25.4 mm x 3.048 m, Black, 12 Rolls/Case	12	Each
7000043008		3M™ Scotch-Seal™ Mastic Tape Compound 2229, 95.3 mm x 3.048 m, Black, 1 roll/carton, 8 rolls/case	8	Each

Scotch® Vinyl Mastic Roll 2210

Scotch® Vinyl Mastic Roll 2210 is made of self-fusing rubber insulating compounds laminated to a vinyl (PVC) backing. It provides excellent insulation for connection up to 600 volts.



- Self-fusing , tape insulates, and seals out moisture for connections up to 600 volts
- Provides protection against UV rays, abrasion, moisture and alkalis with its polyvinyl chloride backing
- Usable for indoor or outdoor applications

Product Id	Part Number	Product	MOQ	Order Unit
7000026559	2210100	Scotch® Vinyl Mastic Roll 2210, Black, 102 mm x 3 m, 2.29 mm	10	Roll

Focus

Scotch® Electrical Moisture Sealant Pads and Rolls

Scotch® Electrical Moisture Sealant Pads and Rolls are premium grade, electrical moisture sealant pad or rolls that is used to seal electrical connections up to 600V.



- PVC backing resists moisture, alkalis, acid copper corrosion and moisture
- Aggressive mastic adhesive offers optimized adherence
- Easily installed to provide maximum protection

Product Id	Part Number	Product	MOQ	Order Unit
7000005872		Scotch® Electrical Moisture Sealant Pads and Rolls, 63.5 mm x 3 m, 06147	10	Roll

Tapes

Scotch® Vinyl Mastic Pad 2200

Scotch® Vinyl Mastic Pad 2200 is made of self-fusing rubber insulating compounds laminated to a vinyl (PVC) backing to provide excellent insulation for connection up to 600 V. This pad remains flexible over a wide range of temperatures.



- Resistant to abrasion, acid, alkalis, copper corrosion, UV and varying weather conditions
- Polyvinyl chloride (PVC) backing
- Temperature rated to 80 °C

Product Id	Part Number	Product	MOQ	Order Unit
7000076624		Scotch® Vinyl Mastic Pad 2200, 65 mm X 114 mm	10	Each
7000057774	Scotch 2200	Scotch® Vinyl Mastic Pad 2200, 110 mm x 165 mm	10	Each

Barricade & Warning Tapes

Focus

3M™ Warning Tape

3M™ Warning Tapes are printed cold-resistant, conformable tape to warn of cables and lines



- Permanently legible
- Resistant to aging and cold
- PVC and heavy metals free

Product Id	Part Number	Product	MOQ	Order Unit
7000063486	AKABEL	3M™ Warning Tape, Yellow Colour, Printed ACHTUNG KABEL, 40 mm x 250 m	5	Roll
7000063487	ASTARK	3M™ Warning Tape, Yellow Colour, Printed ACHTUNG STARKSTROMKABEL, 40 mm x 250 m	5	Roll

Cloth Tapes

Focus

Scotch® 9545N Cloth Tape

Scotch® 9545N Cloth Tape is made of heavy duty PVC coated cloth backing with rubber adhesive on one side. This cloth tape is used for marking, bundling and is available in a variety of colours and widths.



- Excellent durability and conformability
- High tack adhesive with clean removal
- Easily torn by hand

Product Id	Part Number	Product	MOQ	Order Unit
7000062745	9545N B50	Scotch® 9545N Cloth Tape, Black, 50 mm x 50 m	5	Roll
7000062750	9545N G15	Scotch® 9545N Cloth Tape, Grey, 15 mm x 50 m	15	Roll
7000062748	9545N G19	Scotch® 9545N Cloth Tape, Grey, 19 mm x 50 m	12	Roll
7000062740	9545N G50	Scotch® 9545N Cloth Tape, Grey, 50 mm x 50 m	5	Roll
7000062742	9545N NGR	Scotch® 9545N Cloth Tape, Neon Green, 19 mm x 50 m	12	Roll
7000062751	9545N R15	Scotch® 9545N Cloth Tape, Red, 15 mm x 50 m	15	Roll
7000062738	9545N R19	Scotch® 9545N Cloth Tape, Red, 19mm x 50 m	12	Roll
7000062746	9545N R50	Scotch® 9545N Cloth Tape, Red, 50 mm x 50 m	5	Roll
7000062739	9545N W15	Scotch® 9545N Cloth Tape, White, 15 mm x 50 m	15	Roll
7000062749	9545N W19	Scotch® 9545N Cloth Tape, White, 19 mm x 50 m	12	Roll
7000062736	9545N Y15	Scotch® 9545N Cloth Tape, Yellow, 15 mm x 50 m	15	Roll
7000062741	9545N Y19	Scotch® 9545N Cloth Tape, Yellow, 19 mm x 50 m	12	Roll
7000062744	9545N Y50	Scotch® 9545N Cloth Tape, Yellow, 50 mm x 50 m	5	Roll

3M™ Temflex™ Cotton Friction Tape 1755

3M™ Temflex™ Cotton Friction Tape 1755 is a high grade cotton friction tape that provides abrasion protection in wire and cable splices in addition to overwrap for mechanical protection.



- High grade cotton friction tape
- Good abrasion resistance up to 80 °C
- Can be used for cable bundling

Product Id	Part Number	Product	MOQ	Order Unit
7000058870	17551915	3M™ Temflex™ Cotton Friction Tape 1755, 19 mm x 18.29 m, Black, 20 rolls per case	20	Roll
7100009255	175538	3M™ Temflex™ Cotton Friction Tape 1755, Black, 38 mm x 25 m, 30 rolls/Case	30	Roll

Glass Cloth Electrical Tapes

Focus

3M™ Glass Cloth Electrical Tape 27

3M™ Glass Cloth Electrical Tape 27 is a 0.178 mm woven insulating tape with pressure sensitive rubber thermosetting adhesive. This tape is designed to operate in 600 volt dry applications requiring high mechanical strength and resistance to high temperatures. The adhesive is specially designed and prepared to provide corrosion protection.



- 7-mil woven insulating glass cloth tape with pressure-sensitive rubber thermosetting adhesive
- Designed to operate in 600 volt dry applications requiring high mechanical strength and resistance to high temperatures
- Adhesive is specially designed and prepared to provide corrosion protection

Product Id	Part Number	Product	MOQ	Order Unit
7100119565	27/1920	3M™ Glass Cloth Electrical Tape 27, 12 mm x 20 m	20	Roll
7100119486	27/1220	3M™ Glass Cloth Electrical Tape 27, 19 mm x 20 m, 0.18 mm	20	Roll
7000031495	27/61655	3M™ Glass Cloth Electrical Tape 27, 616 mm x 55 m x 0.18 mm, Log Roll, Untrimmed	1	Roll
7100116846		3M™ Glass Cloth Electrical Tape 27, MC4, 50 mm x 55 m	4	Roll
7100116845		3M™ Glass Cloth Electrical Tape 27, MC6, 38 mm x 55 m	6	Roll
7100116844		3M™ Glass Cloth Electrical Tape 27, MC7, 30 mm x 55 m	7	Roll
7100116843	E2725	3M™ Glass Cloth Electrical Tape 27, MC9, 25 mm x 55 m	9	Roll
7100116842		3M™ Glass Cloth Electrical Tape 27, MC12, 19 mm x 55 m x 0.18 mm	12	Roll
7100116841	ET2715x55	3M™ Glass Cloth Electrical Tape 27, MC15, 15 mm x 55 m	15	Roll
7100116840		3M™ Glass Cloth Electrical Tape 27, MC19, 12 mm x 55 m	19	Roll
7100116847		3M™ Glass Cloth Electrical Tape 27, MC26, 9 mm x 55 m	26	Roll

Tapes

Focus

3M™ Glass Cloth Electrical Tape 69

3M™ Glass Cloth Electrical Tape 69 is a premium grade, edge tear resistant, electrical tape. This printable tape has a non corrosive adhesive and offers solvent resistant protection. It is used as a coil cover, an anchor, a banding, a core, a layer and a crossover insulator. The flame retardant tape is suitable for 600V rated, dry location application motors and transformers.



- Thermosetting, silicon adhesive provides an increased bond at high temperatures
- Glass cloth backing optimally resists shrinking and burning
- Used as a coil cover, anchor, banding, core, layer and crossover insulation

Product Id	Part Number	Product	MOQ	Order Unit
7000057509	ET69L1	3M™ Glass Cloth Electrical Tape 69, 603.3 mm x 32.9 m, Log Untrimmed 1 Side, 76 mm Plastic	1	Roll
7000031593	T69LOG	3M™ Glass Cloth Electrical Tape 69, 1219 mm x 33 m x 0.18 mm, Log Untrimmed	1	Roll
7100091118		3M™ Glass Cloth Electrical Tape 69, MC4, 47 mm x 33 m x 0.18 mm	4	Roll
7100090775		3M™ Glass Cloth Electrical Tape 69, MC4, 50 mm x 33 m, 1 Roll	4	Roll
7100091130	6938	3M™ Glass Cloth Electrical Tape 69, MC6, 38 mm x 33 m x 0.18 mm, 1 Roll	6	Roll
7100090265		3M™ Glass Cloth Electrical Tape 69, MC7, 30 mm x 33 m, 1 Roll	7	Roll
7100090956		3M™ Glass Cloth Electrical Tape 69, MC7, 32.3 mm x 33 m	7	Roll
7100090192	6925	3M™ Glass Cloth Electrical Tape 69, MC9, 25 mm x 33 m x 0.18 mm, 1 Roll	9	Roll
7100090267	6919	3M™ Glass Cloth Electrical Tape 69, MC12, 19 mm x 33 m x 0.18 mm, 1 Roll	12	Roll
7100090776	6915	3M™ Glass Cloth Electrical Tape 69, MC15, 15 mm x 33 m x 0.18 mm, 1 Roll	15	Roll
7100090266	ET6912x33	3M™ Glass Cloth Electrical Tape 69, MC19, 12 mm x 33 m x 0.18 mm, 1 Roll	19	Roll
7100090685	699	3M™ Glass Cloth Electrical Tape 69, MC26, 9 mm x 33 m, 1 Roll	26	Roll
7100090686	ET696x33	3M™ Glass Cloth Electrical Tape 69, MC35, 6 mm x 33 m x 0.18 mm, 1 Roll	36	Roll
7000005818		3M™ Glass Cloth Electrical Tape 69, White, Silicone Adhesive, 19 mm x 20.1 m, 50 per case	50	Roll

3M™ Glass Cloth Electrical Tape 79

3M™ Glass Cloth Tape 79 is a 0,177 mm woven insulating glass cloth tape featuring thermosetting, pressure-sensitive adhesive to electrically insulate and provide mechanical protection at temperatures to 150(deg)C.



- Pressure-sensitive, acrylic adhesive offers optimized adherence
- Glass cloth backing ensures maximum stability
- Designed for coils/transformers and motor applications

Product Id	Part Number	Product	MOQ	Order Unit
7000006178	T79LOG	3M™ Glass Cloth Electrical Tape 79, 616 mm x 54.9 m, Log Untrimmed 1 Side, 76 mm Paper	1	Roll
7100116866		3M™ Glass Cloth Electrical Tape 79, MC4, 50 mm x 55 m	4	Roll
7100116867	ET7930x55	3M™ Glass Cloth Electrical Tape 79, MC7, 30 mm x 55 m	7	Roll
7100116868	7925	3M™ Glass Cloth Electrical Tape 79, MC9, 25 mm x 55 m x 0.18 mm, 1 Roll	9	Roll
7100116864		3M™ Glass Cloth Electrical Tape 79, MC12, 19 mm x 55 m x 0.18 mm	12	Roll
7100116865	ET7912	3M™ Glass Cloth Electrical Tape 79, MC19, 12 mm x 55 m x 0.18 mm, 1 Roll	19	Roll

Tapes

Focus

3M™ Glass Cloth Electrical Tape 27U

3M™ Glass Cloth Electrical Tape 27U is a 0,178 mm woven insulating glass cloth tape with a pressure-sensitive rubber thermosetting adhesive. This tape is designed to operate in 600-volt dry applications requiring high mechanical strength and resistance to high temperatures. The glass cloth is specially treated and prepared to provide corrosion-free protection. The glass cloth will not shrink, rot or burn, has a high tensile strength and is printable. The backing is especially designed to reduce feathering during the slitting process and whilst unwinding the tape.



- 178 microns woven insulating glass cloth tape with pressure-sensitive rubber thermosetting adhesive
- Designed to operate in 600 volt dry applications requiring high mechanical strength and resistance to high temperatures
- Adhesive is specially designed and prepared to provide corrosion protection

Product Id	Part Number	Product	MOQ	Order Unit
7100119550	27U19	3M™ Glass Cloth Electrical Tape 27U, 19 mm x 20 m, 0.18 mm	20	Roll
7100116850		3M™ Glass Cloth Electrical Tape 27U, MC9, 25 mm x 55 m x 0.18 mm	9	Roll
7100116848		3M™ Glass Cloth Electrical Tape 27U, MC19, 12 mm x 55 m x 0.18 mm	19	Roll
7100119487	Scotch27U-12x20	3M™ Glass Cloth Electrical Tape 27U, White, 12 mm x 20 m, 0.18 mm	20	Roll

Acetate Cloth Tapes

3M™ Acetate Cloth Electrical Tape 11

3M™ Acetate Cloth Electrical Tape 11 has a resin- and varnish-absorptive black acetate cloth backing. This tape's excellent conformability makes it a good choice for coil wrapping applications up to 105°C. This tape is printable.



- Pressure-sensitive, thermosetting, rubber-resin adhesive provides optimized adherence
- Acetate cloth backing offers excellent absorption of varnishes and resins
- Ideal for use in coil wrapping applications

Product Id	Part Number	Product	MOQ	Order Unit
7100116908		3M™ Acetate Cloth Electrical Tape 11, Black, 19 mm x 66 m x 0.18 mm	12	Roll
7000058613	T11LOG	3M™ Acetate Cloth Electrical Tape 11, Black, 603.3 mm x 65.8 m	1	Roll

Filament Reinforced Tapes

Focus

3M™ Filament Reinforced Electrical Tape 45

3M™ Filament Reinforced Electrical Tape 45 is a glass filament-reinforced polyester film backing with high-shear strength rubber adhesive.



- Designed for applications needing both the dielectric strength of polyester film and the high mechanical strength of glass fibres
- Low stretch, high tensile and edge-tear resistant
- Applications include insulation in dry-type transformers, motor winding and end-turn wire-hold applications and more

Product Id	Part Number	Product	MOQ	Order Unit
7100116875		3M™ Filament Reinforced Electrical Tape 45, Black, 760 mm x 55 m, Log Roll	1	Roll
7100116873		3M™ Filament Reinforced Electrical Tape 45, Clear, 19 mm x 55 m	12	Roll
7100116143		3M™ Filament Reinforced Electrical Tape 45, Clear, 760 mm x 55 m	1	Roll
7100116874		3M™ Filament Reinforced Electrical Tape 45, MC9, 25 mm x 55 m x 0.2 mm, Clear	9	Roll

3M™ Filament-Reinforced Electrical Tape 1076

3M™ Filament Reinforced Electrical Tape 1076 is a 10 mil thick electrical filament tape. This tape is designed for oil filled distribution transformer applications and offers stable adherence even after long exposure to transformer fluids. The tape has electrical grade, paper backing that is reinforced with scrim glass filament and oil compatible, pressure sensitive, acrylic adhesive.



- Electrical-grade paper backing and oil-compatible, pressure-sensitive, acrylic adhesive
- Woven, glass mat provides additional reinforcement and remains stable even after long exposure to transformer fluids
- Saturable backing provides air entrapment resistance that minimizes trapped air between the adhesive layers in the tape

Product Id	Part Number	Product	MOQ	Order Unit
7100002898	ET1076L	3M™ Filament Reinforced Electrical Tape 1076, 584 mm x 55 m x 0.23 mm, Log Roll, Paper	1	Roll
7100116922	ET107619x55	3M™ Filament-Reinforced Electrical Tape 1076, MC12, 19 mm x 55 m x 0.23 mm	12	Roll

Polyester Electrical Tapes

3M™ Polyester Film Electrical Tape 5

3M™ Polyester Film Electrical Tape 5 is a general purpose, electrical tape with a polyester film backing. This single coated tape is designed for insulating applications that require high dielectric strength. This tape is 600V rated and withstands a temperature range of 32 to 266 °F (0 to 130 °C).

- General purpose polyester tape with acrylic adhesive
- Withstands higher-temperature conditions than tapes with acetate cloth backings
- Conformable, exhibits excellent chemical, solvent and moisture resistance and resists cut-through and abrasion



Product Id	Part Number	Product	MOQ	Order Unit
7100091567		3M™ Polyester Film Electrical Tape 5, 12 mm x 66 m x 0.06 mm	19	Roll
7000009056	5/1219	3M™ Polyester Film Electrical Tape 5, LO1, 1219 mm x 66 m x 0.06 mm	1	Roll
7100091601		3M™ Polyester Film Electrical Tape 5, MC3, 75 mm x 66 m	3	Roll
7100091566		3M™ Polyester Film Electrical Tape 5, MC4, 50 mm x 66 m	4	Roll
7100091569		3M™ Polyester Film Electrical Tape 5, MC6, 38 mm x 66 m	6	Roll
7100090263		3M™ Polyester Film Electrical Tape 5, MC9, 25 mm x 66 m	9	Roll
7100091600		3M™ Polyester Film Electrical Tape 5, MC15, 15 mm x 66 m	15	Roll

3M™ Polyester Film Electrical Tape 56

3M™ Polyester Film Electrical Tape 56 is a moisture resistant, electrical tape. This tape is suitable for insulating applications that require high dielectric strength. This tape is 600V rated and withstands a temperature range of 32 to 266 °F (0 to 130 °C).

- Pressure-sensitive, thermosetting, rubber adhesive has polyester film backing that provides optimized adherence
- Suitable for use as a coil cover and as layer insulation
- Withstands a temperature range of 32 to 266 °F (0 to 130 °C)



Product Id	Part Number	Product	MOQ	Order Unit
7100096651		3M™ Polyester Film Electrical Tape 56, 85 mm x 400 m x 0.06 mm	3	Roll
7100096357		3M™ Polyester Film Electrical Tape 56, 125 mm x 400 m x 0.06 mm	2	Roll
7000097235	56/609	3M™ Polyester Film Electrical Tape 56, 609 mm x 66 m, Plastic Core, Log Roll	1	Roll
7000027649	ET56L1	3M™ Polyester Film Electrical Tape 56, 1219 mm x 66 m x 0.06 mm, 3 Rolls	3	Roll
7100090262		3M™ Polyester Film Electrical Tape 56, MC4, 50 mm x 66 m x 0.06 mm	4	Roll
7100092040		3M™ Polyester Film Electrical Tape 56, MC6, 38 mm x 66 m x 0.06 mm	6	Roll
7100092042		3M™ Polyester Film Electrical Tape 56, MC7, 30 mm x 66 m x 0.06 mm	7	Roll
7100090264	ET5625x66	3M™ Polyester Film Electrical Tape 56, MC9, Yellow, 25 mm x 66 m x 0.06 mm	9	Roll
7100090777		3M™ Polyester Film Electrical Tape 56, MC12, 19 mm x 66 m x 0.06 mm	12	Roll
7100091115		3M™ Polyester Film Electrical Tape 56, MC15, 15 mm x 66 m x 0.06 mm	15	Roll
7100090261		3M™ Polyester Film Electrical Tape 56, MC19, 12 mm x 66 m x 0.06 mm	19	Roll
7100090687		3M™ Polyester Film Electrical Tape 56, MC26, 9 mm x 66 m x 0.06 mm	26	Roll
7100090688		3M™ Polyester Film Electrical Tape 56, MC36, 6 mm x 66 m	36	Roll

Tapes

3M™ Polyester Film Electrical Tape 74

3M™ Polyester Film Electrical Tape 74 is a 0.02 mm thick, general purpose, electrical tape with polyester film backing. It withstands a temperature range of 32 to 266 °F (0 to 130 °C).

- Thermosetting, rubber adhesive with polyester film backing offers excellent resistance to chemicals, solvents, moisture, abrasion and cut-through
- Offers good electrical strength for coil applications where space is at a premium
- General-purpose tape



Product Id	Part Number	Product	MOQ	Order Unit
7000097238	74/394	3M™ Polyester Film Electrical Tape 74, 393.7 mm x 65.8 mm, Log Roll, Plastic	3	Roll
7100116921		3M™ Polyester Film Electrical Tape 74, MC4, 50 mm x 66 m	4	Roll
7100116920		3M™ Polyester Film Electrical Tape 74, MC6, 38 mm x 66 m	6	Roll
7100116919		3M™ Polyester Film Electrical Tape 74, MC9, 25 mm x 66 m	9	Roll
7100116918		3M™ Polyester Film Electrical Tape 74, MC19, 12 mm x 66 m	19	Roll

3M™ Polyester Film Electrical Tape 75

3M™ Polyester Film Electrical Tape 75 is a double coated polyester film electrical tape for use in bonding applications requiring a positive insulation barrier.

- Polyester tape with thermosetting rubber adhesive
- Offers the advantage of integral, adhesive-lined construction
- Made of semi-rigid polyolefin



Product Id	Part Number	Product	MOQ	Order Unit
7000097234		3M™ Polyester Film Electrical Tape 75, 393 mm x 33 m, Plastic	1	Roll
7100116916	ET7550X33	3M™ Polyester Film Electrical Tape 75, MC4, 50 mm x 33 m	4	Roll
7100116915		3M™ Polyester Film Electrical Tape 75, MC9, 25 mm x 33 m	9	Roll
7100116914		3M™ Polyester Film Electrical Tape 75, MC12, 19 mm x 33 m	12	Roll

Tapes

Focus

3M™ Polyester Film Electrical Tape 1350F

3M™ 1350 Tape is an electrical insulating polyester film tape, which meets the flame retardancy requirements of UL 510. It consists of materials that are represented in many UL Recognized Insulation Systems and has a UL 130°C temperature rating. It also offers excellent flagging and solvent resistance; good wet grab; smooth, even unwind and is suitable for use on automated equipment.

- 1 mil and 2 mil thick versions
- Printable
- Solvent resistant without thermosetting



Product Id	Part Number	Product	MOQ	Order Unit
7100092038		3M™ Polyester Film Electrical Tape 1350F-1, MC15, 15 mm x 66 m, Yellow	15	Roll
7100091783		3M™ Polyester Film Electrical Tape 1350F-1, MC19, 12 mm x 66 m, Yellow	19	Roll
7100091784		3M™ Polyester Film Electrical Tape 1350F-1, MC26, 9 mm x 66 m, Yellow	26	Roll
7000021589	13501BLG	3M™ Polyester Film Electrical Tape 1350F-1, PE Core, LO1, Black, 1219 mm x 66 m	1	Roll
7000009084	13501WLG	3M™ Polyester Film Electrical Tape 1350F-1, PE Core, LO1, White, 1219 mm x 66 m	1	Roll
7000009092		3M™ Polyester Film Electrical Tape 1350F-1, PE Core, LO1, Yellow, 1219 mm x 198 m	1	Roll
7000009043		3M™ Polyester Film Electrical Tape 1350F-2, LO1 Yellow, 1219mm x 66m, 3 rolls, Plastic	3	Roll
7000009086	13502WLG	3M™ Polyester Film Electrical Tape 1350F-2, LO1 White, 1219 mm x 66 m, PE Core	1	Roll
7000009085	13502YLG	3M™ Polyester Film Electrical Tape 1350F-2, LO1 Yellow, 1219mm x 66m, PE Core	1	Roll
7000009083	13501YLG	3M™ Polyester Film Electrical Tape 1350F, -1, PE Core, LO1, Yellow, 1219 mm x 66 m	1	Roll
7000009089		3M™ Polyester Film Electrical Tape 1350F-1, LO1, Yellow, 1219 mm x 264 m, Plastic	1	Roll
7100091780		3M™ Polyester Film Electrical Tape 1350F-1, MC4, 50 mm x 66 m, Yellow	4	Roll
7100091781		3M™ Polyester Film Electrical Tape 1350F-1, MC9, 25 mm x 66 m, Yellow	9	Roll
7100091689		3M™ Polyester Film Electrical Tape 1350F-1, MC12, 19 mm x 66 m, Yellow	12	Roll

3M™ Anti-Static Electronic Tape 40

3M™ Tape 40 is an anti static utility tape that is suitable for use in static sensitive areas. It withstands temperatures up to 266 °F (130 °C).

- Offers firm adherence with an anti-static, conductive polymer, acrylic adhesive
- Prevents ESD damage to sensitive electronic equipment in manufacturing environments
- Ideal for use in static-sensitive areas



Product Id	Part Number	Product	MOQ	Order Unit
710016907		3M™ Anti-Static Electronic Tape 40, Printed, MC4, 50 mm x 66 m	4	Roll
710016906		3M™ Anti-Static Electronic Tape 40, Printed, MC9, 25 mm x 66 m	9	Roll
710016905	ET40PR19×66	3M™ Anti-Static Electronic Tape 40, Printed, MC12, 19 mm x 66 m	12	Roll
710016904	ET40PR12×66	3M™ Anti-Static Electronic Tape 40, Printed, MC19, 12 mm x 66 m	19	Roll

Polyimide Electrical Tapes

Focus

3M™ Polyimide Film Electrical Tape 92

3M™ Polyimide Film Electrical Tape 92 is a high performance, electrical tape with a polyimide film backing. This tape is designed to provide thick insulation for coils, harnesses and capacitors. The flame retardant tape withstands a temperature range of 32 to 356 °F (0 to 180 °C).

- Highly conformable with a pressure-sensitive, acrylic adhesive
- Flame-retardant and has polyamide backing
- Suitable for use as wave solder masking tape in a printed circuit board assembly



Product Id	Part Number	Product	MOQ	Order Unit
7000006155	T92LOG	3M™ Polyimide Film Electrical Tape 92, Amber, Silicone Adhesive, 305 mm x 33 m x 0.08 mm, Log roll	1	Roll
7100116857	ET9250x33	3M™ Polyimide Film Electrical Tape 92, MC4, 50 mm x 33 m	4	Roll
7100116858		3M™ Polyimide Film Electrical Tape 92, MC6, 38 mm x 33 m	6	Roll
7100116859		3M™ Polyimide Film Electrical Tape 92, MC9, 25 mm x 33 m	9	Roll
7100116851		3M™ Polyimide Film Electrical Tape 92, MC12, 19 mm x 33 m	12	Roll
7100116852		3M™ Polyimide Film Electrical Tape 92, MC15, 15 mm x 33 m	15	Roll
7100116854	ET9212x33	3M™ Polyimide Film Electrical Tape 92, MC19, 12 mm x 33 m	19	Roll
7100116855		3M™ Polyimide Film Electrical Tape 92, MC26, 9 mm x 33 m	26	Roll
7100116856		3M™ Polyimide Film Electrical Tape 92, MC36, 6 mm x 33 m	36	Roll
7000058468		3M™ Polyimide Film Electrical Tape 92, Silicone Adhesive, 584.2 mm x 33 m, Untrimmed, Plastic	1	Roll

Focus

3M™ Polyimide Film Electrical Tape 1205

3M™ Polyimide Film Electrical Tape 1205 is a polyimide film backed electrical tape. This flame retardant tape is suitable for use in applications that require thin insulating material for wrapping transformers, capacitors and wire harnesses. This tape withstands a temperature range of -40 to 311 °F (-40 to 155 °C) without the loss of electrical properties and tensile strength.

- Highly conformable with a pressure-sensitive, acrylic adhesive
- Flame-retardant and has polyimide backing
- Suitable for use as wave solder masking tape in a printed circuit board assembly



Product Id	Part Number	Product	MOQ	Order Unit
7000006117	T1205LOG	3M™ Polyimide Film Electrical Tape 1205, Acrylic Adhesive, 317.5 mm x 32.92 m, Log roll	1	Roll
7100116877	120525	3M™ Polyimide Film Electrical Tape 1205, MC9, 25 mm x 33 m x 0.08 mm	9	Roll
7100116876	120519	3M™ Polyimide Film Electrical Tape 1205, MC12, 19 mm x 33 m	12	Roll
7100116879	120512	3M™ Polyimide Film Electrical Tape 1205, MC19, 12 mm x 33 m x 0.08 mm	19	Roll
7100116878	120509	3M™ Polyimide Film Electrical Tape 1205, MC26, 9 mm x 33 m x 0.08 mm	26	Roll

PTFE Electrical Tapes

Focus

3M™ PTFE Film Electrical Tape 60

3M™ PTFE Film Electrical Tape 60 is a PTFE film backed electrical tape. This flame retardant tape is suitable for use on high temperature coils, wire harnesses and capacitors where high dielectric and breaking strength are required. This tape is 600V rated and withstands a temperature range of 32 to 356 °F (0 to 180 °C).

- Resistant to chemicals as well as high arcs
- Suitable for use on high-temperature coils, wire harnesses and capacitors
- PTFE film backing for use in applications that require minimum shrinkage and stability



Product Id	Part Number	Product	MOQ	Order Unit
7100091506		3M™ PTFE Film Electrical Tape 60, MC9, 25 mm x 33 m	9	Roll
7100091688	ET6019x33	3M™ PTFE Film Electrical Tape 60, MC12, 19 mm x 33 m	12	Roll
7100091686		3M™ PTFE Film Electrical Tape 60, MC15, 15 mm x 33 m	15	Roll
7100091565		3M™ PTFE Film Electrical Tape 60, MC19, 12 mm x 33 m	19	Roll
7100091685		3M™ PTFE Film Electrical Tape 60, MC25, 9 mm x 33 m	26	Roll
7100091684		3M™ PTFE Film Electrical Tape 60, MC36, 6 mm x 33 m	36	Roll
7000009018	T60LOG	3M™ PTFE Film Electrical Tape 60, Translucent, Silicone Adhesive, 343 mm x 32 m x 0.1 mm, Log Roll, Plastic	1	Roll

Focus

3M™ PTFE Film Electrical Tape 61

3M™ PTFE Film Electrical Tape 61 is a PTFE film backed electrical tape. This flame retardant tape is suitable for use on high temperature coils, wire harnesses and capacitors where high dielectric and breaking strength are required. This tape is 600V rated and withstands a temperature range of 32 to 356 °F (0 to 180 °C).

- Resistant to chemicals as well as high arcs
- Suitable for use on high-temperature coils, wire harnesses and capacitors
- PTFE film backing for use in applications that require minimum shrinkage and stability



Product Id	Part Number	Product	MOQ	Order Unit
7000005803	T61LOG	3M™ PTFE Film Electrical Tape 61, 355.6 mm x 32.9 m, Log Roll Untrimmed, Plastic	1	Roll
7100116913		3M™ PTFE Film Electrical Tape 61, MC9, 25 mm x 33 m	9	Roll

Magnetic Tapes

3M™ Magnet Tape MGO 1316

3M™ Magnet Tape MGO is a 0.84 mm thick flexible magnet tape with a pressure sensitive rubber adhesive.

- Flexible Magnet
- Permanent Magnet
- Delivered on Rolls



Product Id	Part Number	Product	MOQ	Order Unit
7000057528	1316.12	3M™ Magnet Tape MGO 1316, 12 mm x 30.5 m x 0.9 mm	10	Roll
7000057529	1316.19	3M™ Magnet Tape MGO 1316, 19 mm x 30.5 m x 0.9 mm	5	Roll
7000057530	131625	3M™ Magnet Tape MGO 1316, 25 mm x 30.5 m x 0.9 mm	5	Roll

3M™ Magnet Tape MGO 1317

3M™ Magnet Tape MGO is a 1.55 mm thick flexible magnet tape with a pressure sensitive rubber adhesive.

- Flexible Magnet
- Permanent Magnet
- Delivered on Rolls



Product Id	Part Number	Product	MOQ	Order Unit
7000057531	1317.12	3M™ Magnet Tape MGO 1317, 12 mm x 30.5 m x 1.5 mm	10	Roll
7000057532	1317.19	3M™ Magnet Tape MGO 1317, 19 mm x 30.5 m x 1.5 mm	5	Roll
7000057533	131725N	3M™ Magnet Tape MGO 1317, 25 mm x 30.5 m x 1.5 mm	5	Roll

Tapes

Surface Protective Tapes

Focus

3M™ Scotchrap™ Vinyl Corrosion Protection Tape 50

3M™ Scotchrap™ Vinyl Corrosion Protection Tape 50 has high-tack adhesive to provide a corrosion- and impact-resistant seal for all-weather protection of metal piping systems above and below ground.



- Excellent UV Resistant
- Tough PVC tape resists corrosion in all weather conditions
- Suitable for fittings and joints on all millcoated pipes and electrical conduit systems above and below ground

Product Id	Part Number	Product	MOQ	Order Unit
7000057501	Scotchrap 50 25×30	3M™ Scotchrap™ Vinyl Corrosion Protection Tape 50, Unprinted, 25.4 mm x 30.48 m, Black, 1 Roll/Carton, 10 Rolls/Case	10	Roll
7000005811	502530	3M™ Scotchrap™ Vinyl Corrosion Protection Tape 50, Unprinted, 25.4 mm x 30.48 m, Black, 1 Roll/Carton, 48 Rolls/Case	48	Roll
7000057502	Scotchrap 50 50×30	3M™ Scotchrap™ Vinyl Corrosion Protection Tape 50, Unprinted, 50.8 mm x 30.48 m, Black, 1 Roll/Carton, 10 Rolls/Case	1	Roll
7000005812	T505130	3M™ Scotchrap™ Vinyl Corrosion Protection Tape 50, Unprinted, 50.8 mm x 30.48 m, Black, 1 Roll/Carton, 24 Rolls/Case	24	Roll
7000057485	Scotchrap 50 100×30	3M™ Scotchrap™ Vinyl Corrosion Protection Tape 50, Unprinted, 101.6 mm x 30.48 m, Black, 1 Roll/Carton, 12 Rolls/Case	12	Roll
7000057486	5015030	3M™ Scotchrap™ Vinyl Corrosion Protection Tape 50, Unprinted, 152.4 mm x 30.48 m, Black, 1 Roll/Carton, 8 Rolls/Case	8	Roll

Focus

3M™ Scotchrap™ Vinyl Corrosion Protection Tape 51

3M™ Scotchrap™ Vinyl Corrosion Protection Tape 51 has high-tack adhesive to provide a corrosion- and impact-resistant seal for all-weather protection of metal piping systems above and below ground.



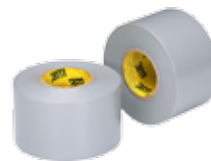
- Excellent UV Resistant
- Tough PVC tape resists corrosion in all weather conditions
- Suitable for fittings and joints on all millcoated pipes and electrical conduit systems above and below ground

Product Id	Part Number	Product	MOQ	Order Unit
7000006134	Scotchrap 51 25×30	3M™ Scotchrap™ Vinyl Corrosion Protection Tape 51, Unprinted, 25.4 mm x 30.48 m, Black, 1 Roll/Carton, 48 Rolls/Case	24	Roll
7000006135	Scotchrap 51 50×30	3M™ Scotchrap™ Vinyl Corrosion Protection Tape 51, Unprinted, 50.8 m x 30.48 m, Black, 1 Roll/Carton, 12 Rolls/Case	12	Roll
7000058493	Scotchrap 51 100×30	3M™ Scotchrap™ Vinyl Corrosion Protection Tape 51, Unprinted, 101.6 mm x 30.48 m, Black, 1 Roll/Carton, 4 Rolls/Case	4	Roll

Tapes

3M™ VMC Cloth Tape

The VMC cloth tape, of colour grey is a slept cloth composite in polyethylene, dressed in an adhesive heats-hrinkable mass and is sensitive to the pressure



- Thickness: 0.29mm
- Heat-crosslinkable adhesive
- Moisture resistant

Product Id	Part Number	Product	MOQ	Order Unit
7000076527		3M™ VMC Cloth Tape, 50 mm x 25 m	16	Roll

Thread Sealant Tapes

Scotch® Thread Sealant and Lubricant Tape 48

Scotch® Thread Sealant and Lubricant 48 is a white unfused plastic film made of polytetrafluoroethylene (PTFE). This fluorocarbon resin film tape designed to provide a leak resistance seal when used as a pipe thread sealant.



- Principally used as a pipe thread sealant.
- Rolls on dry, permanently seals joints and at the same time provides lubricant so the joint can be opened with ease at later date
- Stable through a temperature range of -450°F (-268°C) to 500°F (260°C); the film will fuse at 700°F (374°C)

Product Id	Part Number	Product	MOQ	Order Unit
7000057504	48/13	Scotch® Thread Sealant and Lubricant Tape 48, 13 mm x 13.2 m x 0.076 mm, 12 per case	12	Roll

Aluminum Tapes

3M™ EMI Aluminum Foil Shielding Tape 1170

3M™ EMI Shielding Tape 1170 is an easily die-cut, solderable 0,05 mm aluminium foil tape with conductive adhesive for EMI shielding and static charge draining when grounded. Acrylic adhesive has good resistance to heat, oxidation, solvents and oils. Aluminum is an alternative conductive backing material to copper.



- Unique adhesive creates secure contact with the application surface
- Suitable for EMI shielding, grounding and static charge draining
- Flame-retardant

Product Id	Part Number	Product	MOQ	Order Unit
7000009136	1170/584	3M™ EMI Aluminum Foil Shielding Tape 1170, 584.2 mm x 16.5 m	1	Roll
7100116898	ET117050x16.5	3M™ EMI Aluminum Foil Shielding Tape 1170, MC4, 50 mm x 16,5 m x 0.08 mm	4	Roll
7100116902	ET117025x16.5	3M™ EMI Aluminum Foil Shielding Tape 1170, MC9, 25 mm x 16.5 m x 0.08 mm	9	Roll
7100116901		3M™ EMI Aluminum Foil Shielding Tape 1170, MC12, 19 mm x 16.5 m x 0.08 mm	12	Roll
7100116900		3M™ EMI Aluminum Foil Shielding Tape 1170, MC15, 15 mm x 16.5 m x 0.08 mm	15	Roll
7100116899	ET11712	3M™ EMI Aluminum Foil Shielding Tape 1170, MC19, 12 mm x 16,5 m x 0.08 mm	19	Roll
7100116397		3M™ EMI Aluminum Foil Shielding Tape 1170, MC26, 9 mm x 16.5m	26	Roll
7100116903		3M™ EMI Aluminum Foil Shielding Tape 1170, MC36, 6 mm x 16.5 m	36	Roll

3M™ Embossed Aluminum EMI Shielding Tape 1267

3M™ EMI Shielding Tape 1267 is a 0,05 mm embossed aluminium foil; non-conductive through adhesive; for EMI shielding: static charge draining, grounding; solderable; easily die cut.



- Embossed backing cuts through the layer of adhesive for establishing contact between the backing and the application substrate
- Offers outstanding contact through the adhesive with an embossed pattern
- Flame-retardant

Product Id	Part Number	Product	MOQ	Order Unit
7000009149	1267/584	3M™ Embossed Aluminum EMI Shielding Tape 1267, 584 mm x 16.5 m x 0.13 mm	1	Roll

Copper Tapes

3M™ Copper Foil Shielding Tape 1181

3M™ Copper Foil Shielding Tape 1181 has a 0.036 mm smooth copper foil backing with a conductive acrylic pressure-sensitive adhesive and liner. The unplated copper with conductive adhesive is a common EMI shielding tape for non-corrosive conditions.

- Supplied on a removable liner for easy handling and die-cutting
- Excellent solder ability
- Flame retardant

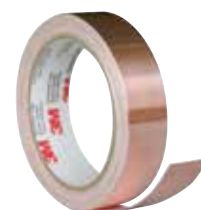


Product Id	Part Number	Product	MOQ	Order Unit
7100116886	ET118112	3M™ Copper Foil Shielding Tape 1181, MC19, 12 mm x 16.5 m	19	Roll

3M™ Copper Foil EMI Shielding Tape 1181

3M™ Copper Foil Shielding Tape 1181 has a 1.4-mil smooth copper foil backing with a conductive acrylic pressure-sensitive adhesive and liner. The unplated copper with conductive adhesive is a common EMI shielding tape for non-corrosive conditions.

- Unique adhesive creates secure contact with the application surface
- Suitable for EMI shielding, grounding and static charge draining
- Flame-retardant



Product Id	Part Number	Product	MOQ	Order Unit
7100116890		3M™ Copper EMI Shielding Tape 1181, MC15, 15 mm x 16.5 m	15	Roll
7100116889		3M™ Copper EMI Shielding Tape 1181, MC18, 12.7 mm x 16.5 m	18	Roll
7000009122	1181/584	3M™ Copper Foil EMI Shielding Tape 1181, 584.2 mm x 16.5 m, Log Roll	1	Roll
7100116888	E118150	3M™ Copper Foil EMI Shielding Tape 1181, MC4, 50 mm x 16.5 m	4	Roll
7100116887		3M™ Copper Foil EMI Shielding Tape 1181, MC6, 38 mm x 16.5 m	6	Roll
7100116892	ET118125MM	3M™ Copper Foil Shielding Tape 1181, MC9, 25 mm x 16.5 m	9	Roll
7100116891	ET118119x16.5	3M™ Copper Foil Shielding Tape 1181, MC12, 19 mm x 16.5 m	12	Roll
7100116894		3M™ Copper Foil Shielding Tape 1181, MC26, 9 mm x 16.5 m	26	Roll
7100116893		3M™ Copper Foil Shielding Tape 1181, MC36, 6 mm x 16.5 m	36	Roll

Tapes

3M™ Copper Foil EMI Shielding Tape 1182

3M™ EMI Shielding Tape 1182 is an easily die-cut, solderable 0,04 mm copper foil tape with double sided conductive adhesive for EMI shielding and static charge draining when grounded. Acrylic adhesive has good resistance to heat, oxidation, solvents and oils.



- Unique adhesive creates secure contact with the application surface
- Suitable for bonding 2 surfaces together physically and electrically
- Flame-retardant

Product Id	Part Number	Product	MOQ	Order Unit
7100035595	1182/25	3M™ Copper Foil EMI Shielding Tape 1182, Double Sided, 25 mm x 16.5 m x 0.09 mm	9	Roll
7000009142	1182/584	3M™ Copper Foil EMI Shielding Tape 1182, LO1 Embossed, 584 mm x 16,5 m x 0.09 mm	1	Roll
7100033306		3M™ Copper Foil EMI Shielding Tape 1182, Double Sided, 12 mm x 16,5 m x 0.09 mm	19	Roll

3M™ Tin-Plated Copper Foil EMI Shielding Tape 1183

3M™ Tape 1183 is a 2.6-mil thick, acrylic adhesive shielding tape. This flame-retardant tape is suitable for applications that require outstanding electrical conductivity from the application substrate through the adhesive to the backing. It comes on a removable liner for easy die-cutting and handling. The tape is rated for 600V dry applications.



- Unique adhesive creates secure contact with the application surface
- Suitable for grounding and EMI shielding equipment, components and shielded rooms
- Flame-retardant

Product Id	Part Number	Product	MOQ	Order Unit
7000009141	1183/584	3M™ Tin-Plated Copper Foil EMI Shielding Tape 1183, 584.2 mm x 16.5 m	1	Roll
7100116897		3M™ Tin-Plated Copper Foil EMI Shielding Tape 1183, MC9, 25 mm x 16.5 m	9	Roll
7100116896		3M™ Tin-Plated Copper Foil EMI Shielding Tape 1183, MC12, 19 mm x 16.5 m	12	Roll
7100116895	1183/12	3M™ Tin-Plated Copper Foil EMI Shielding Tape 1183, MC19, 12 mm x 16.5 m	19	Roll

3M™ Copper Foil EMI Shielding Tape 1194

3M™ Copper Foil EMI Shielding Tape 1194 is a 2.6 mil thick acrylic adhesive shielding tape. This flame retardant tape is suitable for applications that require grounding, EMI shielding and economical, electrical bonding. It comes on a removable liner for easy die cutting and handling. The tape is rated for 600V dry applications.



- Non-conductive, acrylic adhesive offers optimized adherence
- Removable liner for easy die-cutting and handling
- Flame-retardant and suitable for grounding and EMI shielding in equipment, components and shielded rooms

Product Id	Part Number	Product	MOQ	Order Unit
7100116861		3M™ Copper EMI Shielding Tape 1194, MC4, 50 mm x 33 m	4	Roll
7100116862		3M™ Copper EMI Shielding Tape 1194, MC9, 25 mm x 33 m	9	Roll
7100116860		3M™ Copper EMI Shielding Tape 1194, MC19, 12 mm x 33 m x 0.07 mm	19	Roll
7000009143	1194/584	3M™ Copper Foil EMI Shielding Tape 1194, 584.2 mm x 33 m, Log Roll	1	Roll

Focus

3M™ Embossed Copper EMI Shielding Tape 1245

3M™ EMI Shielding Tape 1245 is a 0,04 mm embossed copper foil; non-conductive through adhesive; for EMI shielding: static charge draining, grounding; solderable; easily die cut.



- Offers stable contact resistance and good shielding effectiveness
- Embossed backing cuts through the layer of adhesive for establishing contact between the backing and the application substrate
- Flame-retardant and suitable for grounding and EMI shielding in equipment, components and shielded rooms

Product Id	Part Number	Product	MOQ	Order Unit
7000009145		3M™ Embossed Copper EMI Shielding Tape 1245, 584 mm x 16.5 m x 0.1 mm	1	Roll
710016883		3M™ Embossed Copper EMI Shielding Tape 1245, MC4, 50 mm x 16.5 m	4	Roll
710016882		3M™ Embossed Copper EMI Shielding Tape 1245, MC9, 25 mm x 16.5 m	9	Roll
710016881		3M™ Embossed Copper EMI Shielding Tape 1245, MC12, 19 mm x 16.5 m	12	Roll
710016880		3M™ Embossed Copper EMI Shielding Tape 1245, MC19, 12 mm x 16.5 m	19	Roll
710016885		3M™ Embossed Copper EMI Shielding Tape 1245, MC26, 9 mm x 16.5 m	26	Roll
710016884		3M™ Embossed Copper EMI Shielding Tape 1245, MC36, 6 mm x 16.5 m	36	Roll

Focus

3M™ Embossed Tin-Plated Copper Shielding Tape 1345

3M™ Embossed Tin Plated Copper EMI Shielding Tape 1345 is an EMI shielding tape with an acrylic adhesive. This flame retardant tape is designed for applications that require outstanding electrical conductivity from the application substrate through the adhesive to the backing. It comes on a removable liner for easy die cutting and handling. The tape is rated for 600V dry applications.



- Embossed, copper foil backing resists discoloration and oxidation
- Offers stable contact resistance and good shielding effectiveness
- Embossed backing cuts through the layer of adhesive for establishing contact between the backing and the application substrate

Product Id	Part Number	Product	MOQ	Order Unit
7000009148	1345/584	3M™ Embossed Tin-Plated Copper Shielding Tape 1345, 584 mm x 16.5 m x 0.1 mm	1	Roll
710016871		3M™ Embossed Tin-Plated Copper Shielding Tape 1345, MC9, 25 mm x 16.5 m	9	Roll
710016869	ET134512x16.5	3M™ Embossed Tin-Plated Copper Shielding Tape 1345, MC19, 12 mm x 16.5 m x 0.1 mm	19	Roll



Insulation

Insulation

Electrical Insulation Putty

Focus

3M™ Scotchfil™ Electrical Insulation Putty

3M™ Scotchfil™ Electrical Insulation Putty is a joint insulation for electrical conductors. This insulation putty is soft and pliable – simply mould with your fingers.

- Soft and pliable – simply mould with your fingers
- Can be wrapped, stretched or moulded around irregular shapes for quick, smooth insulation build-up
- UL recognised



Product Id	Part Number	Product	MOQ	Order Unit
7000006089	Scotchfil	3M™ Scotchfil™ Electrical Insulation Putty, 38 mm x 1524 mm	12	Roll



Resins and Coatings

Resins and Coatings

Electrical Resins

3M™ Scotchcast™ Resin SC 2131

3M™ Scotchcast™ Flame-Retardant Compound 2131 is a 2-part polyurethane resin used for electrically insulating between connectors at low voltage as well as replacing cable jackets when splicing or repairing mine and portable cables. This permanent, liquid type resin has a unique formulation designed for use in the rugged conditions in which mine and portable cable operate. The high dielectric strength offers a very good electrical insulating property to the resin.



- Semi-flexible
- Has 17-minute gel time at 23 °C (73 °F)
- Useful for replacing or repairing the jacket on both single- and multi-core power cables in rugged conditions

Product Id	Part Number	Product	MOQ	Order Unit
7000092517	2131 A	3M™ Scotchcast™ Flame-Retardant Resin Bag SC 2131, Size A, 74 ml	10	Each
7000092518	2131 B	3M™ Scotchcast™ Flame-Retardant Resin Bag SC 2131, Size B, 173 ml	10	Each
7000092519	2131 C	3M™ Scotchcast™ Flame-Retardant Resin Bag SC 2131, Size C, 346 ml	10	Each

Focus

3M™ Resin 40

3M™ Scotchcast™ Resin 40 is a two-component general-use premium polyurethane resin, curable at room temperature. It is supplied in a two-part plastic pouch bag with a removable barrier in the correct stoichiometric proportion.



- High performance insulating resin in bag package for low voltage cables connection insulation and mechanical protection up to 1 KV
- Hydrophobic polyurethane resin
- Fast and clean use thanks to the integrated spout

Product Id	Part Number	Product	MOQ	Order Unit
7000035345	40A	3M™ Scotchcast™ Resin Bag SC 40, Size A, 90 ml	10	Each
7000035346	40B	3M™ Scotchcast™ Resin Bag SC 40, Size B, 200 ml	10	Each
7000035347	40C	3M™ Scotchcast™ Resin Bag SC 40, Size C, 370 ml	10	Each

Resins and Coatings

Focus

3M™ Scotchcast™ Re-Enterable Electrical Insulating Resins

3M™ Scotchcast™ Re-Enterable Electrical Insulating Resin 2123 is a soft, two-part polybutadiene resin encapsulant. This resin has good handling and performance characteristics and is formulated for re-enterable splice protection. This multi purpose, moisture sealing resin bonds to nearly all cable jackets.

- High performance re-enterable resin in bag package for sealing and insulating low voltage cables connections in electrical boxes
- Typical hardness (ASTM D2240) - 0 Shore A
- Has 62-minute gel time at 23 °C (73 °F)



Product Id	Part Number	Product	MOQ	Order Unit
7100231726		3M™ Scotchcast™ Re-Enterable Electrical Insulating Resins, SC 2123, Easy Dispenser 250, Size 250 ml	6	Bag
7100179825		3M™ Scotchcast™ Re-Enterable Electrical Insulating Resins, SC 2123, Size A, 90 ml, 10 Each/Case	10	Each
7100220994		3M™ Scotchcast™ Re-Enterable Electrical Insulating Resins, SC 2123, Size C, 385 ml	10	Kit
7000031696	2123350	3M™ Scotchcast™ Re-Enterable Electrical Insulating Resins, SC 2123, Size C, 385 ml, bulk	10	Each
7000006197	2123600	3M™ Scotchcast™ Re-Enterable Electrical Insulating Resins, SC 2123, Size D, 627 ml	10	Each
7100179833		3M™ Scotchcast™ Re-Enterable Electrical Insulating Resins, SC 2123, Size E, 292 ml, 10 Each/Case	10	Each
7100220923		3M™ Scotchcast™ Re-enterable Electrical Insulating Resins, SC 2123, Size A, 90 ml, 10 Each/Case	10	Kit
7100220970	2123N-D	3M™ Scotchcast™ Re-enterable Electrical Insulating Resins, SC 2123, Size D, 659 ml, 10 KIT/CASE	10	Kit
7100220930		3M™ Scotchcast™ Re-enterable Electrical Insulating Resins, SC 2123, Size E, 292 ml, 10 KIT/CASE	10	Kit

Focus

3M™ Scotchcast™ Resin 4 GS

3M™ Scotchcast™ Resin 4 GS is a 2-part, epoxy-based, CMR-free electrical resin for cable splicing, up to 1 kV application. The unique 3M formulation changes colour after the two components of the resin have been correctly mixed. The resin has an enhanced humidity performance during the curing process, and it is supplied with an innovative delivery spout integrated to the resin bag for easy and clean application.

- High-performance, epoxy-based electrical resin free from CMR substances, isocyanate, halogen, and SVHC content
- Indoor and outdoor use, underground and submerged applications
- Temperature for continuous operation: -40 °C to +110 °C



Product Id	Part Number	Product	MOQ	Order Unit
7100229425	4GSA	3M™ Scotchcast™ Resin 4 GS, Size A, 90 ml, 10 each per case.	10	Each
7100229877		3M™ Scotchcast™ Resin 4 GS, Size B, 200 ml, 10 each per case.	10	Each
7100229863		3M™ Scotchcast™ Resin 4 GS, Size C, 370 ml, 10 each per case.	10	Each

Resins and Coatings

Corrosion Protection Coatings

Focus

Scotch® Zinc Spray 1617

Scotch® Zinc Spray 1617 is an effective cold galvaniser. This zinc spray product provides permanent protection against rust and corrosion.

- Prohibits rust and corrosion of metal surfaces
- Effective cold galvaniser with excellent adhesion to iron and steel
- Resistant to weathering, UV radiation, moisture, heat up to 500 °C, alkaline solutions and mineral oils



Product Id	Part Number	Product	MOQ	Order Unit
7000063483	Scotch 1617	Scotch® Zinc Spray 1617, 400ml	6	Each
7100047868		Scotch® Zinc Spray 1617, 400ml	6	Canister

Focus

Scotch® 1600 Anti Corrosion Spray

Scotch® 1600 Anti Corrosion Spray provides highly effective anti-corrosion protection. This sprays rubber-asphalt base forms a dense, abrasion resistant covering that protects against all corrosive agents.

- Protects against moisture and spray salt water
- Resistant to the effects of physical impacts
- Available in a 400ml spray can



Product Id	Part Number	Product	MOQ	Order Unit
7000032613		Scotch® 1600 Anti Corrosion Spray, 400 ml	6	Each

3M™ Scotchkote™ Electrical Coating FD

3M™ Scotchkote™ Electrical Coating FD is a fast drying sealant and bonding agent recommended for joints wrapped with plastic electrical tape.

- Designed for use as an outer seal on a PVC tape splice
- Suitable for use for direct burial and moisture protection
- Helps protect from moisture and corrosion



Product Id	Part Number	Product	MOQ	Order Unit
7100095977	9900N	3M™ Scotchkote™ Electrical Coating FD, Brush-top, 15-oz (440ml) can	10	Canister

Resins and Coatings

Focus

Scotch® Electrical Insulating Sealers

Scotch™ Electrical Insulating Sealers harden into a flexible, clear, acrylic resin based insulating film. Available in clear (1601), red (1602), black (1603) and grey (1604).

- Electrical-grade, fast-drying sealer in a pressurized can
- Protective coating on electrical connections, switches, switchgear, terminal boards, electronic components, printed circuits, coils, and windings
- Excellent adhesion to most common surfaces such as metal, glass, plastic, wood, etc.



Product Id	Part Number	Product	MOQ	Order Unit
7000032614		Scotch® Electrical Insulating Sealers, 1601 Clear	6	Each
7000063494		Scotch® Electrical Insulating Sealers, 1601, 200 ml	6	Each
7100036939	Scotch 1601	Scotch® Electrical Insulating Sealers, 1601, Clear, 400 ml	6	Each
7000063481	FS280BC	Scotch® Electrical Insulating Sealers, 1602, Red	6	Each
7100047906		Scotch® Electrical Insulating Sealers, 1602, Red	6	Canister
7100037106	Scotch 1603	Scotch® Electrical Insulating Sealers, 1603, Black, 400 ml	6	Each
7000063482	Scotch 1604	Scotch® Electrical Insulating Sealers, 1604, Grey	6	Each

Resins and Coatings

Liquid & Stain Repellents

Focus

Scotch® 1605 Dehumidifier Spray

Scotch® 1605 Dehumidifier Spray penetrates and displaces moisture. This spray then forms a thin protective film and thus prevents the renewed ingress of moisture.

- Penetrates and displaces moisture, then forms a thin protective film to prevent renewed ingress
- Effective over a wide temperature range from -74 °C to 175 °C
- Neutral toward paints, plastics, rubber and fabrics



Product Id	Part Number	Product	MOQ	Order Unit
7000061453	Scotch 1605	Scotch® 1605 Dehumifier Spray	6	Each
7100046721		Scotch® 1605 Dehumifier Spray, 400 ml	6	Canister

Primers & Undercoats

Focus

3M™ Scotchrap™ Pipe Primer

3M™ Scotchrap™ Pipe Primer is a quick-drying, non-sag rubber base primer. This pipe primer permeates metal surface pits and irregularities, preparing the pipe surface for tape application.

- Quick-drying, non-sag rubber base primer
- Permeates metal surface pits and irregularities
- Prep surfaces for tape application



Product Id	Part Number	Product	MOQ	Order Unit
7000006131		3M™ Scotchrap™ Pipe Primer, 1 Gallon, 3.78 l Can	4	Bottle

The background of the slide features a photograph of several tall utility poles with multiple cross-arms and wires, receding into the distance under a cloudy sky. A large, vibrant green geometric shape, composed of several overlapping triangles, covers the bottom right portion of the image. The title text is overlaid on this green area.

Utility Locators and Markers

Changing the frequency.

Introducing the 3M™ Electronic Marking System (EMS) Warning Tape 7900-XT Series for underground utilities.

Take a new approach to path marking with 3M™ Electronic Marking System (EMS) Warning Tape 7900-XT Series. It helps alert users there is a risk of damage when digging near underground utility lines by providing visual verification powered by our EMS technology.

3M's latest line of tapes offer a virtually maintenance-free solution to help eliminate challenges and costs associated with tracer wire and test stations. For use in open trench applications, 3M™ EMS Warning Tape 7900-XT Series uses radio frequency (RF) path markers that work independently. If a section of path marking tape is cut or removed, the other markers on the tape will continue to provide an accurate location.

The tape also features a high strength core material called extreme tensile (XT) which provides an early warning for excavators that an underground asset is below.

Features of 3M™ EMS Warning Tape 7900-XT Series.

EMS



Benefit:
Provides a unique frequency to differentiate each utility.

Application:
Available in six frequencies. 3M™ EMS-enabled tapes create unique frequencies for each utility, making them ideal for customers who need to locate and differentiate multiple underground utilities.

XT



Benefit:
XT features 13 kN strength material and includes a built-in early warning system which causes the tape to pull up from the ground and resist breakage when excavated.

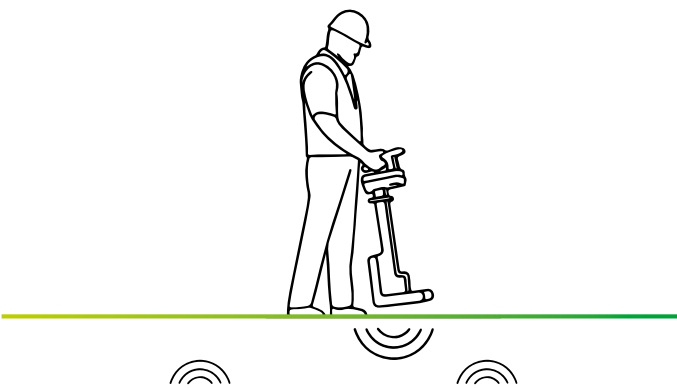
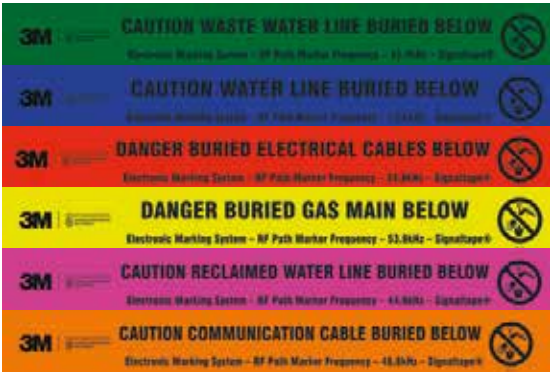
Application:
XT-enabled tapes are suited for customers whose primary concern is damage to their assets and want quality tape that helps alert the user if there is risk of damage from excavation.

Which 3M™ Path Marker is best for your project?

At 3M, we recognise that each job is different. The chart below will help you determine whether the latest 3M™ EMS Warning Tape 7900-XT Series or 3M™ EMS Caution Tape 7900 Series is right for your job.

	Roll length	Sizes/tensile strength	Depth	Utilities available: product code
3M™ EMS Warning Tape 7900-XT Series (EMS and XT)	500 ft (152 m)	4"/3000lb (10 cm/13 kN) 6"/3000lb (15 cm/13 kN) 12"/3000lb (30 cm/13 kN)	< 4 ft (1.2 m)	Telecommunications: 7901-XT
				Power: 7902-XT
				Water: 7903-XT
				Waste water: 7904-XT
				Gas: 7905-XT
3M™ EMS Caution Tape 7900 Series (EMS only)	500 ft (152 m)	6"/360lb (15 cm/1.6 kN)	< 4 ft (1.2 m)	Reclaimed water: 7908-XT
				Telecommunications: 7901
				Power: 7902
				Water: 7903
				Waste water: 7904
				Gas: 7905
				Reclaimed water: 7908

The optimal depth for the early warning system is < 2 ft (60 cm) while embedded. EMS markers are locatable < 4 ft (1.2 m).



Utility Locators and Markers

Path Marking

3M™ Electronic Marking System Caution Tape 7900 series

3M™ EMS Path Marking Tape, is virtually a maintenance free solution for marking and locating the path of underground plastic pipes and conduits that helps eliminate the problems and costs associated with the tracer wire and test stations. 3M EMS marking tapes are embedded with markers that are activated using a 3M™ Dynatel™ Locators 7000 Series.



- They can be installed near or above buried assets
- They are easy to follow, creating a detectable path above ground
- For use in open trench applications

Product Id	Part Number	Product	MOQ	Order Unit
7100254241		3M™ Electronic Marking System (EMS) Caution Tape 7901, Orange, 152 mm, Telco, 152 m, 1 Box/Case	1	Each
7100254634		3M™ Electronic Marking System (EMS) Caution Tape 7902, Red, 152 mm, Power, 152 m, 1 Box/Case	1	Each
7100254242		3M™ Electronic Marking System (EMS) Caution Tape 7903, Blue, 152 mm, Water, 152 m Roll, 1 Roll/Box	1	Each
7100254633		3M™ Electronic Marking System (EMS) Caution Tape 7904, Green, 152 mm, WWater, 152 m Roll, 1 Roll/Box	1	Each
7100254635		3M™ Electronic Marking System (EMS) Caution Tape 7905, Yellow, 152 mm, Gas, 152 m Roll, 1 Roll/Box	1	Each
7100254465		3M™ Electronic Marking System (EMS) Caution Tape 7908, Purple, 152 mm, RCWater, 152 m Box, 1 Box	1	Each

Focus

3M™ Electronic Marking System Warning Tape 7900-XT series

3M™ EMS Warning Tape 7900 Series is virtually a maintenance free solution for marking and locating the path of underground utilities and help to eliminate the problems and costs associated with the tracer wire and test stations. The embedded markers are compatible with 3M™ Dynatel™ Locators 7000 series. The 7900-XT EMS Tape uses a highstrength core material for an early warning during the excavation.



- Easy to install and locate, suitable in open trench applications
- Core materials inside allow for early warning for excavators digging nearby
- Available with Markers and/or core materials in 6 frequencies for all utility types

Product Id	Part Number	Product	MOQ	Order Unit
7100254391	7901-XT	3M™ Electronic Marking System (EMS) Warning Tape 7901-XT, Orange, 152 mm, Telco, 152 m, 1 Box/Case	1	Case
7100254486	7902-XT	3M™ Electronic Marking System (EMS) Warning Tape 7902-XT, Red, 152 mm, Power, 152 m, 1 Box/Case	1	Case
7100254480	7903-XT	3M™ Electronic Marking System (EMS) Warning Tape 7903-XT, Blue, 152 mm, Water, 152 m, 1 Box/Case	1	Case
7100254505	7904-XT	3M™ Electronic Marking System (EMS) Warning Tape 7904-XT, Green, 152 mm, WWater, 152 m, 1 Box/Case	1	Case
7100254490	7905-XT	3M™ Electronic Marking System (EMS) Warning Tape 7905-XT, Yellow, 152 mm, Gas, 152 m, 1 Box/Case	1	Case
7100254390	7908-XT	3M™ Electronic Marking System (EMS) Warning Tape 7908-XT, Purple, 152 mm, RCWater, 152 m, 1 Box/Case	1	Case

Utility Locators and Markers

Underground Utility Point Markers

Focus

3M™ Ball Marker

3M™ Ball Marker with an extended range of 1.5 m is specially designed for locating flush mounted facilities that are covered by backfill. It is affixed to the underside of non metallic lids or covers over flush mounted facilities. This self align marker offers positive identification of facilities. In addition, the iD version enables writing/reading data into/from the Marker.



- Self-leveling design for precise and horizontal positioning
- Offers easy marking of buried power lines
- Passive antenna encased in water-resistant polyethylene shell

Product Id	Part Number	Product	MOQ	Order Unit
7100177965	1401XR	3M™ Ball Marker, 1401-XR, Telephone, Orange, 30 Each / Case	30	Each
7100178146	1402XR	3M™ Ball Marker, 1402 CE-XR/CE, Power, Red, 30 Each / Case	30	Each
7100178145	1402CEFXR	3M™ Ball Marker, 1402 CE/F-XR/ERDF, Power, Red, 30 Each / Case	30	Each
7100178034		3M™ Ball Marker, 1402-XR, Power, Red, 30 Each / Case	30	Each
7100178135	1403-XR	3M™ Ball Marker, 1403-XR, Water, Blue, 30 Each / Case	30	Each
7100178134	1404XR	3M™ Ball Marker, 1404-XR, Wastewater, Green, 30 Each / Case	30	Each
7100178144	1405-XR	3M™ Ball Marker, 1405-XR, Gas, Yellow, 30 Each / Case	30	Each
7100178466	1407-XR	3M™ Ball Marker, 1407-XR, Communications, Orange/Black, 30 Each / Case	30	Each
7100177979	1408-XR	3M™ Ball Marker, 1408-XR, Telephone, Orange, 30 Each / Case	30	Each
7100178427	1421	3M™ Ball Marker, 1421-XR/iD, Telephone, Orange, 30 Each / Case	30	Each
7100177897	1422USXRID	3M™ Ball Marker, 1421-XR/iD, Telephone, Orange, 30 Each / Case	30	Each
7100178113	1422XRID	3M™ Ball Marker, 1422 CE-XR/iD/CE, Power, Red, 30 Each / Case	30	Each
7100178019		3M™ Ball Marker, 1423-XR/iD, Water, Blue, 30 Each / Case	30	Each
7100178020	1424XRID	3M™ Ball Marker, 1424-XR/iD, Wastewater, Green, 30 Each / Case	30	Each
7100178428	1425XRID	3M™ Ball Marker, 1425-XR/iD, Gas, Yellow, 30 Each / Case	30	Each
7100178451		3M™ Ball Marker, 1427-XR/iD, Communications, Orange/Black, 30 Each / Case	30	Each
7100178465	1428XRID	3M™ Ball Marker, 1428-XR/iD, General Purpose, Purple, 30 Each / Case	30	Each

Utility Locators and Markers

3M™ Near-Surface Marker

3M™ Near Surface Marker is specially designed for marking underground telephone and other facility lines accurately. It comes in a cylindrical shape, allowing for easy installation in asphalt or concrete, without extensive digging. This marker offers positive identification of facilities.



- Provides an accurate, long-lasting method of marking underground facilities
- Offers easy marking of buried power lines
- Passive antenna encased in a water-resistant polyethylene shell

Product Id	Part Number	Product	MOQ	Order Unit
7100178097	1432	3M™ Near-Surface Marker, 1432, Range 0.9 m, Telephone, Orange, 50 Each / Case	50	Each
7100178470		3M™ Near-Surface Marker, 1432-iD, Range 0.6 m, Telephone, Orange, 50 Each / Case	50	Each
7100178444		3M™ Near-Surface Marker, 1433, Range 0.9 m, Power, Red, 50 Each / Case	50	Each
7100178471		3M™ Near-Surface Marker, 1433-iD, Range 0.6 m, Power, Red, 50 Each / Case	50	Each
7100178153		3M™ Near-Surface Marker, 1434-iD, Range 0.6 m, Water, Blue, 50 Each / Case	50	Each
7100178449		3M™ Near-Surface Marker, 1435, Range 0.9 m, Wastewater, Green, 50 Each / Case	50	Each
7100178406	1436	3M™ Near-Surface Marker, 1436, Range 0.9 m, Gas, Yellow, 50 Each / Case	50	Each
7100178164	1436XRID	3M™ Near-Surface Marker, 1436-iD, Range 0.6 m, Gas, Yellow, 50 Each / Case	1	Each
7100178163	1438-XR/ID	3M™ Near-Surface Marker, 1438-iD, Range 0.6 m, General Purpose, Purple, 50 Each / Case	50	Each

3M™ Mini-Marker

3M™ Mini Marker with locating range up to 1.8 m depth provides an accurate, convenient, and long-lasting method of marking underground facilities.



- 1.8 m detection range
- Offers easy marking of buried utility lines
- Positive identification of underground facilities

Product Id	Part Number	Product	MOQ	Order Unit
7100177966	1255	3M™ Mini-Marker, 1255, Telephone, Orange, 50 Each / Case	50	Each
7100178446		3M™ Mini-Marker, 1256, Power, Red, 50 Each / Case	50	Each
7100178447	1257	3M™ Mini-Marker, 1257, Water, Blue, 50 Each / Case	50	Each
7100178443	1258	3M™ Mini-Marker, 1258, Wastewater, Green, 50 Each / Case	50	Each
7100178045	1259	3M™ Mini-Marker, 1259, Gas, Yellow, 50 Each / Case	50	Each

Utility Locators and Markers

3M™ Full-Range Marker

3M™ Full-Range Markers help provide an accurate, convenient, long-lasting method of marking underground facilities. The marker has a range of up to 2.4 m from marker to locator.



- Positive Identification of underground assets
- No external power source needed
- Resistant to elements

Product Id	Part Number	Product	MOQ	Order Unit
7100178431	1250-XR/ID	3M™ Full-Range Marker 1250-ID, EMS 2.7 m Range, Telephone, 25 Each / Case	25	Each
7100178076		3M™ Full-Range Marker 1251, EMS 2.7 m Range, Power, 25 Each / Case	25	Each
7100178468	1254-XR/ID	3M™ Full-Range Marker 1254-ID, EMS 2.7 m Range, Gas, 25 Each / Case	25	Each
7100178075	1250	3M™ Full-Range Marker, 1250, Telephone, Orange, 25 Each / Case	25	Each
7100178467	1251-XR/ID	3M™ Full-Range Marker, 1251-XR/iD, Power, Red, 25 Each / Case	25	Each
7100177924	1252	3M™ Full-Range Marker, 1252, Water, Blue, 25 Each / Case	25	Each
7100178473	1252XR	3M™ Full-Range Marker, 1252-XR/iD, Water, Blue, 25 Each / Case	25	Each
7100178098	1253	3M™ Full-Range Marker, 1253, Wastewater, Green, 25 Each Case	25	Each
7100178458	1253XR	3M™ Full-Range Marker, 1253-XR/iD, Wastewater, Green, 25 Each / Case	25	Each
7100178099	1254	3M™ Full-Range Marker, 1254, Gas, Yellow, 25 Each / Case	25	Each

3M™ Disk Marker

3M™ Extended Range 1.5 m Disk Markers provide an easy and accurate method of locating flush mounted facilities which become covered by backfill or other obstructions, such as snow or vegetation.



- Locates flush-mounted facilities which have become covered by backfill
- Offers easy marking of buried lines
- Passive antenna encased in water-resistant polyethylene shell

Product Id	Part Number	Product	MOQ	Order Unit
7100178152		3M™ Disk Marker, 1411-XR-2H, Telephone, Orange, with two holes in the marker, 210 Each / Case	210	Each

Utility Locators and Markers

Utility Locators

Focus

3M™ Dynatel™ Locators 1420X/XE Series

3M™ Dynatel™ Locators 1420X/XE Series determines exact location of underground 3M™ Electronic Marking System (EMS) Markers. This locator reads, writes and locates 3M™ iD Markers. It locates 2 different marker frequencies simultaneously. It features a lightweight design, large display with easy-to use interface, enhanced connectivity, internal GPS module, and includes Li-Ion battery with built-in charger.



- Determines exact location of underground industry standard electronic markers
- Reads, writes and locates 3M iD Markers
- Integrated GPS and Bluetooth communications

Product Id	Part Number	Product	MOQ	Order Unit
7100213431		3M™ Dynatel™ Locator 1420X EMS/ID, Marker, 1/Case	1	Each
7100213430	1420XE	3M™ Dynatel™ Locator 1420XE EMS/ID, Marker, 1/Case	1	Each

Focus

3M™ Dynatel™ Locators 2550XE/2573XE Series

3M™ Dynatel™ Locators 2550XE/2573XE Series integrated to include locating cable/pipe, fault finding, and locating EMS markers for the field professional. It features a lightweight design for excellent balance and ergonomics, large display with an easy-to use interface and enhanced connectivity. Li-Ion battery with built-in charger. Internal GPS module.



- Suitable for Cable/Pipe Locating
- Fault finding (Dynatel Locators 2573XE Series)
- Integrated GPS and Bluetooth communications

Product Id	Part Number	Product	MOQ	Order Unit
7100253198		3M™ Dynatel™ Locator 2550XE C12, Cable/Pipe, 3" Coupler, 12W, 1/Case	1	Each
7100253062		3M™ Dynatel™ Locator 2550XE, Cable/Pipe, includes only the Locator, 1/Case	1	Each
7100253522		3M™ Dynatel™ Locator 2573X C3, Cable/Pipe/Fault, 3" Coupler, 3W, 1/Case	1	Each
7100253197		3M™ Dynatel™ Locator 2573XE C12, Cable/Pipe/Fault, 3" Coupler, 12W, 1/Case	1	Each
7100253263		3M™ Dynatel™ Locator 2573XE, Cable/Pipe/Fault, includes only the Locator, 1/Case	1	Each

Utility Locators and Markers

Focus

3M™ Dynatel™ Locators 2550XE-ID/2573XE-ID Series

3M™ Dynatel™ Locators 2550XE-ID/2573XE-ID Series integrated to include locating cables/pipe, fault finding, locating EMS markers and read/write to 3M™ ID Markers for the field professional. It features a light-weight design for excellent balance and ergonomics, large display with an easy-to use interface and enhanced connectivity, Li-Ion battery with built-in charger. Internal GPS module.



- Suitable for Cable/Pipe/Fault Locating
- Fault finding (Dynatel Locators 2573XE-ID Series)
- Determines exact location of underground industry standard electronic markers

Product Id	Part Number	Product	MOQ	Order Unit
7100253532		3M™ Dynatel™ Locator 2550X EMS/ID/C3, Marker/Cable/Pipe, 3" Coupler 3W, 1/Case	1	Each
7100253199		3M™ Dynatel™ Locator 2550XE EMS/ID, Marker/Cable/Pipe, includes only the Locator, 1/Case	1	Each
7100253114	2550XEIDC12	3M™ Dynatel™ Locator 2550XE EMS/ID/C12, Marker/Cable/Pipe, 3" Coupler, 12W, 1/Case	1	Each
7100253524		3M™ Dynatel™ Locator 2550XE EMS/ID/U12, Marker/Cable/Pipe, 4.5" Coupler, 12W, 1/Case	1	Each
7100253116		3M™ Dynatel™ Locator 2573X EMS/ID/C12, Marker/Cable/Pipe/Fault, 3"	1	Each
7100213429		3M™ Dynatel™ Locator 2573XE EMS/ID, Marker Cable/Pipe/Fault, includes only the Locator, 1/Case	1	Each
7100253203		3M™ Dynatel™ Locator 2573XE EMS/ID/C12, Marker/Cable/Pipe/Fault, 3" Coupler, 12W, 1/Case	1	Each
7100253196		3M™ Dynatel™ Locator 2573XE EMS/ID/U12, Marker/Cable/Pipe/Fault, 4.5" Coupler, 12W, 1/Case	1	Each

3M™ Dynatel™ Locators 7550XE/7573XE Series

3M™ Dynatel™ Locators 7550XE/7573XE Series integrated to include locating cable/pipe/fault, locating EMS markers and 3M™ EMS Path Marking Tape, read/write to 3M™ ID Markers for the field professional. It features a lightweight design for excellent balance and ergonomics, large display with easy-to use interface and enhanced connectivity. Li-Ion battery with built-in charger. Internal GPS module.



- Locate and follow the path of 3M™ EMS Path Marking Tape
- Suitable for Cable/Pipe locating
- Fault finding (Dynatel Locators 7573XE Series)

Product Id	Part Number	Product	MOQ	Order Unit
7100253207		3M™ Dynatel™ Locator 7550XE EMS/ID, Marker/Path/Cable/Pipe, includes only the Locator, 1/Case	1	Each
7100253208		3M™ Dynatel™ Locator 7550XE EMS/ID/U12, Marker/Path/Cable/Pipe, 4.5" Coupler, 12W, 1/Case	1	Each
7100253536		3M™ Dynatel™ Locator 7573X EMS/ID/U3, Marker/Path/Cable/Pipe/Fault, 4.5"	1	Each
7100213427		3M™ Dynatel™ Locator 7573XE EMS/ID, Marker Cable/Pipe/Fault, includes only the Locator, 1/Case	1	Each
7100253211		3M™ Dynatel™ Locator 7573XE EMS/ID/C12, Marker/Path/Cable/Pipe/Fault, 3" Coupler, 12W, 1/Case	1	Each
7100253206		3M™ Dynatel™ Locator 7573XE EMS/ID/U12, Marker/Path/Cable/Pipe/Fault, 4.5" Coupler, 12W, 1/Case	1	Each

Utility Locators and Markers

Focus

3M™ Dynatel™ Locators 7420XE Series

3M™ Dynatel™ Locators 7420XE Series are high performance locators that quickly and efficiently locate 3M™ EMS Path Marking Tape and EMS markers and read/write to 3M™ ID Markers. It features a lightweight design for excellent balance and ergonomics, large display with an easy-to use interface and enhanced connectivity. Li-Ion battery with built-in charger. Internal GPS module.



- Locate and follow the path of 3M™ EMS Path Marking Tape
- Determines exact location of underground industry standard electronic markers
- Reads, writes and locates 3M iD Markers

Product Id	Part Number	Product	MOQ	Order Unit
7100213472	7420XEID	3M™ Dynatel™ Locator 7420XE EMS/ID, Marker/Path, 1/Case	1	Each



Lubricants

Wire & Cable Lubricants

3M™ Wire Pulling Lubricant LUB-P

3M™ Wire Pulling Lubricant, LUB-P is a grey wax based emulsion designed for heavy duty cables. The lubricant LUB-P is thick, consistent and does not liquefy or separate with hot ageing. Its low friction coefficient reduces the chance of wire damage from high pulling forces.

- Colourless, water soluble, and non-staining and affords quick and easy clean up
- Ideal for use in industrial and power utility applications
- Slow drying, friction reducing lubricant that lessens the chance of cable damage from high pulling forces



Product Id	Part Number	Product	MOQ	Order Unit
7100037104	Lub-P 0,95	3M™ Wire Pulling Lubricant LUB-P, 0.95l	12	Each
7000076622		3M™ Wire Pulling Lubricant LUB-P, 3.78 l	4	Each
7100047869	Lub-P 3,78	3M™ Wire Pulling Lubricant LUB-P, 3.78l	4	Canister
7000076621	Lub-P 18,92	3M™ Wire Pulling Lubricant LUB-P, 18.9l	1	Each

Focus

3M™ Wire Pulling Lubricant LUB-I

3M™ Wire Pulling Lubricant, LUB-I is a translucent white polymer gel that doesn't liquefy, or separate with hot or cold ageing. The lubricant reduces friction and lessens the chance of cable jacket damage from pulling.

- Colourless, non-staining and quick to clean up as its water soluble
- Easy to handle, apply and leaves no residue
- Low solids content means less conduit blocking if additional pulls are required



Product Id	Part Number	Product	MOQ	Order Unit
7100037108	Lub-I 0,2	3M™ Wire Pulling Lubricant LUB-I, 0.2l	12	Each
7100047866	Lub-I 0,95	3M™ Wire Pulling Lubricant LUB-I, 0.95l	12	Canister
7100047867	Lub-I 3,78	3M™ Wire Pulling Lubricant LUB-I, 3.78l	4	Canister
7100036984	Lub-I 18,2	3M™ Wire Pulling Lubricant LUB-I, 18.9l	1	Canister

General Purpose Lubricants

Scotch® 1628 Surface Treatment

Scotch® 1628 Surface Treatment is a soft plastic cleaner. This surface treatment is anti-static and available in a 400 ml spray can.

- Offers gentle care of plastic surfaces
- Anti-static and dust resistant properties
- Prevents drying out of plastic



Product Id	Part Number	Product	MOQ	Order Unit
7000063493	1628	Scotch® 1628 Surface Treatment, 400 ml	6	Each

Focus

Scotch® 1609 Silicone Spray

Scotch® 1609 Silicone Spray is a general use product for preventative maintenance, protection and lubrication. This silicone spray can be used over a wide temperature range, providing long lasting protection.

- Lubricates moving parts without becoming resinous
- Suitable for use in a temperature range of -32 °C to +177 °C
- Neutral towards paints, plastic, rubber, foamed materials, wood and fabrics



Product Id	Part Number	Product	MOQ	Order Unit
7000063495		Scotch® 1609 Silicone Spray, 200 ml	96	Each
7000032615		Scotch® 1609 Silicone Spray, 400 ml	1	Each
7100036917	Scotch 1609	Scotch® 1609 Silicone Spray, 400 ml	6	Each
7000032612	1619	Scotch® 1619 Silicone Spray, Sealing Compound	1	Each

Focus

Scotch® Multi-Five Spray

Scotch® Multi-Five Spray is a general purpose spray that provides excellent lubrication, corrosion protection and cleaning properties.

- Provides excellent lubrication, corrosion protection and cleaning properties
- High dielectric strength allows use on sensitive switch connections
- Displaces water immediately, avoiding tracking currents



Product Id	Part Number	Product	MOQ	Order Unit
7000032618	BUS1640	Scotch® Multi-Five Spray, 400 ml	6	Each



Penetrants

Focus

Scotch® Cooling Spray 1632N

Scotch® Cooling Spray 1632N super cools to -55°C to assist in maintentace and repair operations and thermal troubleshooting.

- Residual free
- Non-toxic
- 360 degree valve with 80 cm extension tube



Product Id	Part Number	Product	MOQ	Order Unit
7100152600		Scotch® Cooling Spray 1632N, 400 ml		



Cleaning Chemicals & Disinfectants

Cleaning Chemicals & Disinfectants

Degreasers

Focus

Scotch® Degreasing Cleaning Spray 1626

Scotch™ 1626 is a dissolving cleaner for fats, oils, adhesive-residues, resins and tar. It is residue-free, non-corroding and with high portion of cleaning substances

- Dissolving cleaning spray ideal for tackling greases, oils, lubricants, resins and tar
- Clear content and non-corroding
- Residue free



Product Id	Part Number	Product	MOQ	Order Unit
7100036918	Scotch 1626	Scotch® 1626 Degreasing Cleaning Spray, 400 ml	6	Each
7000032616		Scotch® Degreasing Cleaning Spray 1626, 400 ml	6	Each

Cleaning Chemicals & Disinfectants

Electronic Equipment Cleaners

Focus

Scotch® Contact Cleaner

Scotch® Contact Cleaner is a spray cleaner designed to loosen dirt, light oxide layers and impurities of every kind. This contact cleaner is highly effective and ideal for use in almost any environment.

- Effective, gentle cleaning for loosening dirt, light oxide layers and impurities
- Electrically neutral and totally residue free
- Clear content



Product Id	Part Number	Product	MOQ	Order Unit
7000063484	Scotch 1625	Scotch® Contact Cleaner, 1625 - 400ml	6	Each
7100037129		Scotch® Contact Cleaner, 1625, 200ml	6	Each
7100037105		Scotch® Contact Cleaner, 1625, Special Contact - 400ml	6	Each

Scotch® 1633 Rust Remover

Scotch® 1633 Rust Remover spray is a multi-purpose spray. This rust remover loosens rust and protects against moisture and renewed oxidation.

- Easily releases tightly sealed bolts
- Can be used effectively as a lubricant
- Fast acting



Product Id	Part Number	Product	MOQ	Order Unit
7000061454		Scotch® 1633 Rust Remover, 400 ml	6	Each
7100047862		Scotch® 1633 Rust Remover, 400 ml	6	Each

Focus

Scotch® 1638N Compressed Air Spray

Scotch™ 1638N Compressed Air Spray is a clear, odorless and oil-free Spray used for cleaning dust and loose dirt from electronic components and other sensitive elements.

- Odour free
- Colourless
- Suitable for universal cleaning



Product Id	Part Number	Product	MOQ	Order Unit
7100152607		Scotch® 1638N Compressed Air Spray, FR/NL/GE		

The background of the slide features a light gray pattern of interlocking puzzle pieces. A large, vibrant green geometric shape, composed of several overlapping triangles, cuts across the bottom right portion of the image. The word "Fillers" is written in white, bold, sans-serif font within the green area.

Fillers

Fillers

Foam Fillers

Focus

Scotch® 1639 Polyurethane Foam

Scotch® 1639 Polyurethane Foam expands on contact with air making it ideal for sealing. It has strong adhesive properties and adheres well to most building materials. Used primarily for insulating and filling common gaps.

- 400ml aerosol
- Building material class B2 (DIN 4102)
- Adapter tube for easy application



Product Id	Part Number	Product	MOQ	Order Unit
7000063496	1639	Scotch® 1639 Polyurethane Foam, 400 ml	6	Each

The background of the slide features a light gray pattern of interlocking puzzle pieces. A diagonal band of green and yellow stripes cuts across the lower half of the image, creating a modern, geometric design.

Specialty Fluids

Specialty Fluids

Antistatic Additives

Scotch® 1628 Surface Treatment

Scotch® 1628 Surface Treatment is a soft plastic cleaner. This surface treatment is anti-static and available in a 400 ml spray can.

- Offers gentle care of plastic surfaces
- Anti-static and dust resistant properties
- Prevents drying out of plastic



Product Id	Part Number	Product	MOQ	Order Unit
7000063493	1628	Scotch® 1628 Surface Treatment, 400 ml	6	Each

The background of the slide features a light gray pattern of interlocking puzzle pieces. A large, vibrant green geometric shape, composed of several overlapping triangles, cuts across the bottom right portion of the image. The title 'Splice Closures' is written in white, bold, sans-serif font, centered within the green area.

Splice Closures

Splice Closures

Direct Bury Splice Closures

Focus

3M™ Direct Bury Gel Closure Kit

3M™ Direct Bury Closure with Spacer Block is a re-enterable cable connection box. This direct bury closure is ideal for connecting, insulating and protecting all electrical outdoor connections in small cable-cross sections (0.6 kV/1.0 kV) within high humidity environments.

- Waterproof, pre-filled silicone box
- Delivered with an easy to use connector block
- Tested according to EN 50393 standard



Product Id	Part Number	Product	MOQ	Order Unit
7100025845		3M™ Direct Bury Gel Closure Kit, With Spacer Block, DBC-3C	10	Each
7100026215		3M™ Direct Bury Gel Closure Kit, With Spacer Block, DBC-2C	10	Each

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