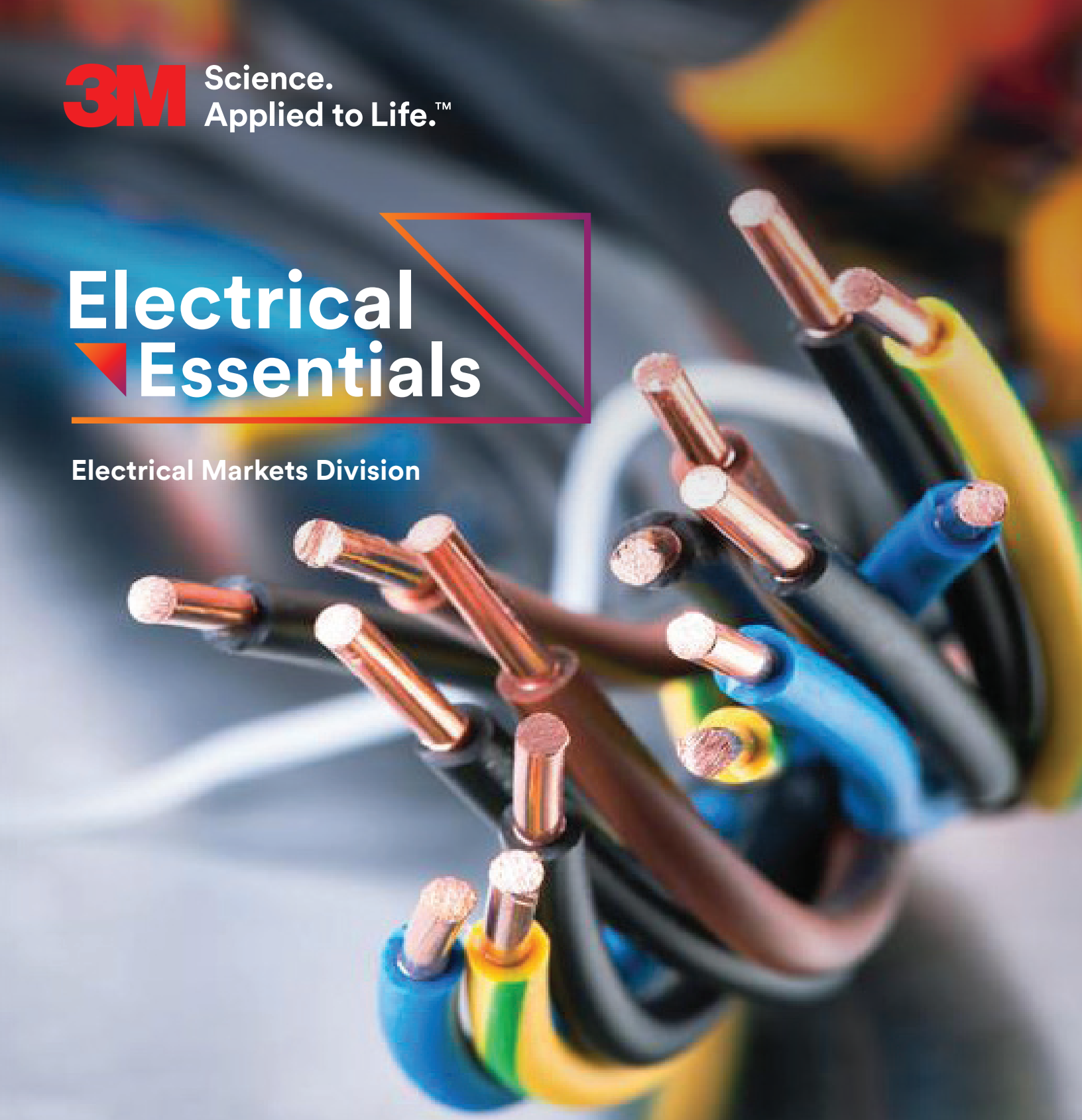




3M Science.
Applied to Life.™

Electrical Essentials

Electrical Markets Division

Connect, protect, manage, and secure wires and cables with our full range of top-of-the-line products.



Connect

Low voltage wire and cables

- 3M™ Performance Plus™ Wire Connectors
- 3M™ Scotchlok™ Insulation Displacement Connectors
- 3M™ Direct Bury Splice Kits
- 3M™ Scotchlok™ and Highland™ Terminals



Protect

Low voltage wire and cables

- 3M™ Heat Shrink Tubing
- 3M™ Cold Shrink Tubing
- 3M™ Scotchcast™ Resin
- 3M™ Scotchkote™ Electrical Coating FD



Manage

Low voltage wire and cables

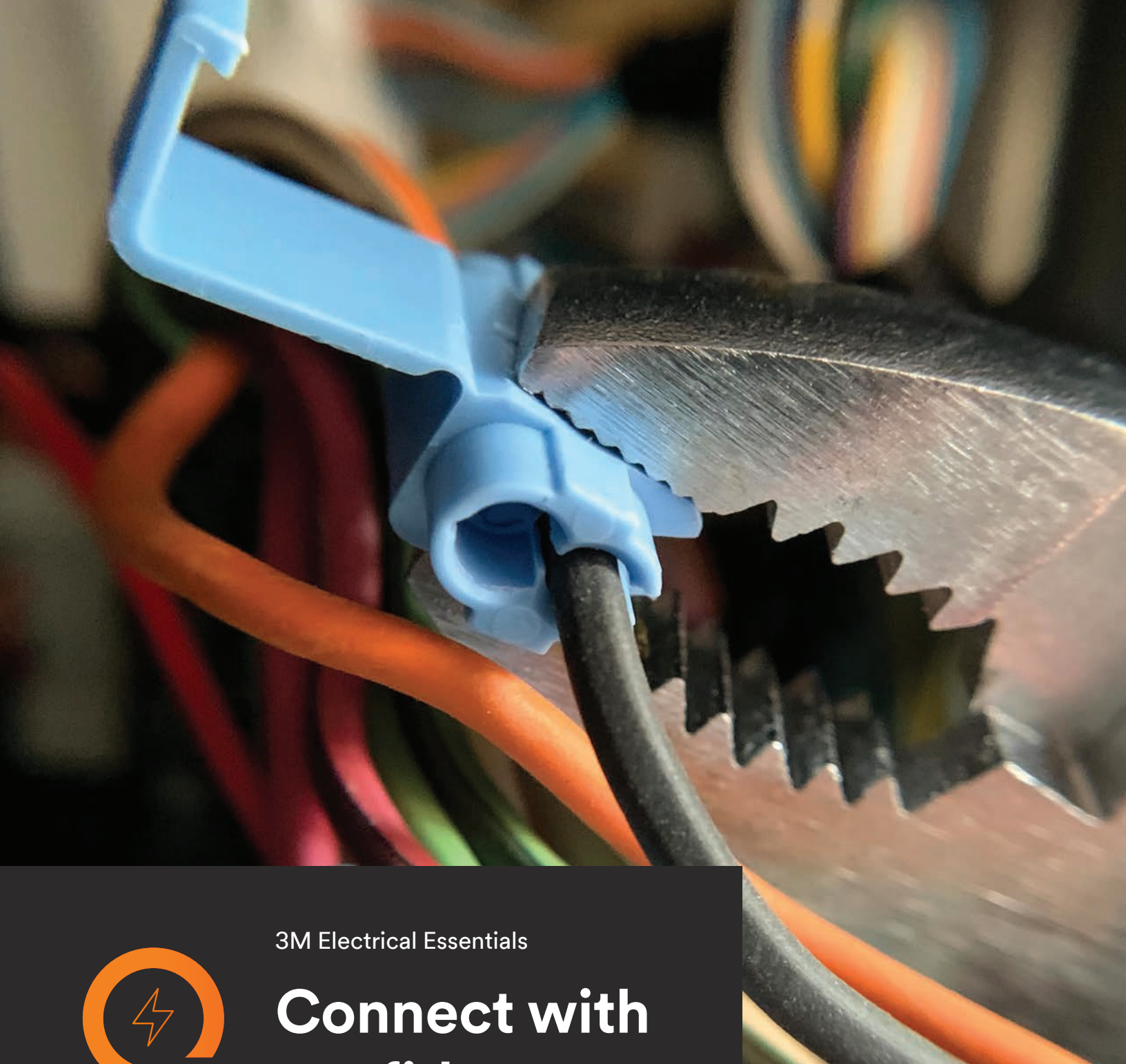
- 3M™ Cable Ties, Stackers, and Bases
- 3M™ Wire Lubricants
- 3M™ ScotchCode™ Wire Marking and Identification System



Secure

Critical electrical connections

- Scotch® Premium Vinyl Tapes
- 3M™ Temflex™ General Use Vinyl Tapes
- Scotch® Rubber Tapes
- Scotch® Mastic Tapes



3M Electrical Essentials

**Connect with
confidence**

**Make easy, reliable electrical connections with
3M™ Wire Connector products.**

3M™ Performance Plus™ Wire Connectors

Make powerful connections.



Secure Connection

Flexible spring with generous room for expansion and a strong bite



Less Inventory

With an increased wire range, just three 3M™ Performance Plus™ Wire Connectors can handle the work of eight standard connectors



Enhanced Safety

Flexible skirt helps prevent copper exposure

**Strong bite
for a secure
connection.**



A full range of reliable, easy-to-use spring connectors to help you make every job your best.



A full range of reliable, easy-to-use electrical spring connectors



3M™ Performance Plus™ Wire Connector	2#22	2#20	2#18	2#16	2#14	2#12	4#14	3#12	6#14	4#12	3#10	5#12	2#8	6#12	4#10
O/B+, T/Y+															
R/Y+															
T/R+															
B/G+															

3M™ Performance Plus™ Wire Connectors Ordering Information

3M Product	ID	Color	UPC	Qty Per Package	MOQ
3M™ Performance Plus™ Wire Connector B/G+ Pouch	7100127167	Blue/Gray	10054007431500	50	500
3M™ Performance Plus™ Wire Connector B/G+ Jug	7000058825	Blue/Gray	00054007431510	250	2000
3M™ Performance Plus™ Wire Connector R/Y+ Pouch	7100127164	Red/Yellow	10054007431548	100	1000
3M™ Performance Plus™ Wire Connector R/Y+ Jug	7000058824	Red/Yellow	10054007431555	500	4000
3M™ Performance Plus™ Wire Connector R/Y+ Keg	7000133219	Red/Yellow	00051128579435	17000	17000
3M™ Performance Plus™ Wire Connector T/R+ Pouch	7100127165	Tan/Red	10051128544546	100	1000
3M™ Performance Plus™ Wire Connector T/R+ Jug	7100019140	Tan/Red	00051128544556	750	6000
3M™ Performance Plus™ Wire Connector T/R+ Keg	7000132941	Tan/Red	00051128544563	25000	25000
3M™ Performance Plus™ Wire Connector T/Y+ Pouch	7100127163	Tan/Yellow	10051128552183	100	1000
3M™ Performance Plus™ Wire Connector T/Y+ Jug	7000133223	Tan/Yellow	00051128552193	500	10000
3M™ Performance Plus™ Wire Connector T/Y+ Keg	7000133268	Tan/Yellow	00051128586235	40000	40000
3M™ Performance Plus™ Wire Connector O/B+ Pouch	7100127195	Orange/Blue	10054007431524	100	1000
3M™ Performance Plus™ Wire Connector O/B+ Jug	7000133222	Orange/Blue	10054007431531	500	10000
3M™ Performance Plus™ Wire Connector O/B+ Bag of 30	7010416415	Orange/Blue	00076308150655	30	6
3M™ Performance Plus™ Wire Connectors O/B+, R/Y+, B/G+ Assortment Pack, Bag of 30	7010416418	Assorted	00076308150693	30	6

3M™ Scotchlok™ Insulation Displacement Connectors

Just squeeze—no stripping or twisting wire.



Quick and Easy Installation

No stripping or twisting of copper wire needed



Moisture Resistance

On select products



Wide Range of IDCs

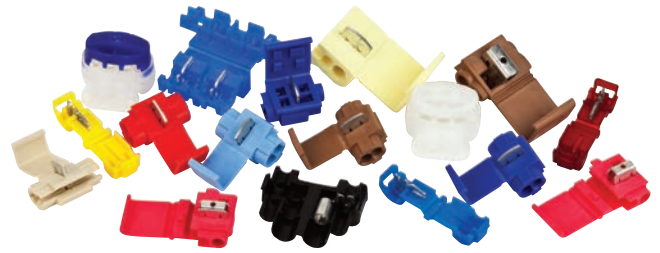
Multiple connection types that fit a spectrum of wire gauges (22 – 10AWG)

When speed of installation is important, count on 3M™ Scotchlok™ Insulation Displacement Connectors.

Our broad range of 3M™ Scotchlok™ Insulation Displacement Connectors (IDCs) are easy to use and can help save time: to install, just insert wire and squeeze – no stripping or twisting wire.

Our “U” contact provides the reliable electrical connection that electricians and contractors demand.

The Right Connector for the Job



3M™ Scotchlok™ Insulation Displacement Connectors (IDCs) provide the insulation protection and connection you need across a wide range of applications without needing to strip the wire.



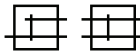
3M™ Scotchlok™ IDC Connector 314

Pigtail Connection

Connect two or three wire ends and insulate the connection.

Key Applications:

- Electrical connection and insulation
- Irrigation applications (select products)



3M™ Scotchlok™ IDC Connector 558

Run/Tap, Double Run

Run/Tap: Connect a (tap) wire end to a through (run) wire and insulate the connection.

Double Run: Connect two through (run) wires and insulate the connection.

Key Applications:

- Control circuit wiring
- Fixture and appliance wiring
- Lighting
- Signal and PA systems
- Automotive, boat and RV wiring



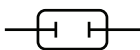
3M™ Scotchlok™ IDC Connector 953

T-Tap Disconnect

Tap into a wire in mid-span without cutting or stripping the wire. Connector then mates with a .250" (6,35 mm) male tab, making a reusable quick-connect wiring termination.

Key Applications:

- Light fixtures
- Appliances
- Automotive and RV wiring
- Other electrical OEM applications



3M™ Scotchlok™ IDC Connector 972-A

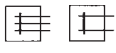
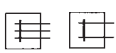
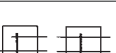
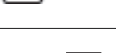
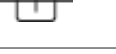
Fuse Holder

Install a blade-type automotive fuse between power source and device.

Key Applications:

- Automotive

3M™ Scotchlok™ Insulation Displacement Connectors (IDCs) Product Comparison

Connector	Type Connector	Special Features	Maximum Insulation	AWG (mm ²) Wire Range	Operating Temperature
314* 		Moisture Resistant Seal, Flame Retardant V2	0.155" (3,94 mm)	22-14 (0,5-1,5)	T40 °C ** 105°C (221°F)**
314U* 		Dry Environment Applications Flame Retardant	0.155" (3,94 mm)	22-14 (0,5-1,5)	105°C (221°F)
316IR 		Moisture Resistant Applications	0.155" (3,94 mm)	22-16 (0,5-1,5)	T40 °C ** 105°C (221°F)**
557* 		Dual Element Connection Flame Retardant	0.120" (3,05 mm)	22-16 (0,5-1,5)	105°C (221°F)
558* 		Flame Retardant	0.120" (3,05 mm)	22-16 (0,5-1,5)	105°C (221°F)
560 		Flame Retardant	0.145" (3,68 mm)	18-16 (0,75-1,5) Solid/Stranded 14 Stranded	105°C (221°F)
560B 		Run & Tap Splicing Flame Retardant	0.145" (3,68 mm)	18-16 (0,75-1,5) Solid/Stranded 14 Stranded	105°C (221°F)
560N 		Flame Retardant	0.145" (3,68 mm)	18-16 (0,75-1,5) Solid/Stranded 14 Stranded	105°C (221°F)
562 		Run & Tap Splicing Flame Retardant	0.190" (4,82 mm)	12-10 (3,0-4,0) Solid/Stranded 10 Stranded	90°C (194°F)
564 		Dry Environment Applications	0.145" (3,68 mm)	18-14 (0,75-1,5)	90°C (194°F)
567 		Dual Element Connection Flame Retardant	0.145" (3,68 mm) Tap 0.190" (4,82 mm) Run	18-14 (0,75-1,5) Tap 12-10 (3,0-4,0) Run	105°C (221°F)
804 		Moisture Resistant Applications Flame Retardant	0.145" (3,68 mm)	18-16 (0,75-1,5) Solid/Stranded 14 Stranded	75°C (167°F)
901 		Disconnect	0.145" (3,68 mm)	18-14 (0,75-1,5)	90°C (194°F)
905 		Low Voltage (Automotive) Applications	0.110" (2,79 mm) Tap 0.145" (3,68 mm) Run	22-18 (0,5-1,0) Tap 18-14 (0,75-1,5) Run	90°C (194°F)
951 		T-Tap Disconnect Flame Retardant	0.150" (3,81 mm)	22-18 (0,5-1,0)	105°C (221°)
952 		T-Tap Disconnect Flame Retardant	0.150" (3,81 mm)	18-14 (0,75-1,5)	105°C (221°)
953 		T-Tap Disconnect Flame Retardant	0.150" (3,81 mm)	12 (3,0)	105°C (221°)
972-A 		Fuse Holder	0.150" (3,81 mm)	18-14 (0,75-1,5)	105°C (221°F)
MGC 		Moisture Guard Applications	0.210" (5,33 mm) Outer Port 0.150" (3,81 mm) Inner Port	Outer Ports: 12str. 14-16 sol/str (2,5-1,0) Inner Port: 18 sol/str, 20 str (0,5)	105°C (221°F)

*Also tested in accordance with UL Standard for Portable Electric Lamps, UL 153 paragraph 15, when housed within the body of the lamp.

**Maximum Operating Temperature: T40 degrees Celsius (VDE approval and certification acc EN60998-2-3), 105 degrees Celsius (UL 486C)

3M™ Scotchlok™ Insulation Displacement Connectors (IDCs) Ordering Information

3M Product	3M ID	UPC	Qty per Package	MOQ
3M™ Scotchlok™ Electrical IDC 314-Pouch	7100166936	10054007092305	50	500
3M™ Scotchlok™ Electrical IDC 314-Bin	7000031482	00054007092315	1000	1000
3M™ Scotchlok™ Electrical IDC 314U-Pouch	7100175087	10054007092329	50	500
3M™ Scotchlok™ Electrical IDC 314U-Bin	7000058006	00054007092339	1000	1000
3M™ Scotchlok™ Electrical IDC 316IR	7000058271	00054007504191	30	300
3M™ Scotchlok™ Moisture Guard Connector MGC-BAG	7100006290	00051128568279	25	250
3M™ Scotchlok™ Moisture Guard Connector MGC-JUG	7000006223	00051128568286	100	400
3M™ Scotchlok™ Electrical IDC 557-Bulk	7000148820	00054007215028	500	5000
3M™ Scotchlok™ Electrical IDC 557-Pouch	7100166937	10054007214943	100	1000
3M™ Scotchlok™ Electrical IDC 558-Bulk	7000005800	10054007148798	500	5000
3M™ Scotchlok™ Electrical IDC 558-Pouch	7100166926	10054007148613	100	1000
3M™ Scotchlok™ Electrical IDC 560B-Bulk	7000005896	10054007201813	500	5000
3M™ Scotchlok™ Electrical IDC 560B-Pouch	7100166938	10054007200908	100	1000
3M™ Scotchlok™ Electrical IDC 560-Bulk	7000005878	00054007008408	500	5000
3M™ Scotchlok™ Electrical IDC 560N-Bulk	7000132405	10054007095139	500	5000
3M™ Scotchlok™ Electrical IDC 560-Pouch	7100166939	10054007008399	100	1000
3M™ Scotchlok™ Electrical IDC 562-Bin	7100003124	00054007110408	1000	1000
3M™ Scotchlok™ Electrical IDC 562-Pouch	7100166940	10054007110320	100	1000
3M™ Scotchlok™ Electrical IDC 564-Bulk	7000005870	00054007061182	500	5000
3M™ Scotchlok™ Electrical IDC 567-Bin	7000005879	00054007148951	1000	1000
3M™ Scotchlok™ Electrical IDC 567-Pouch	7100167058	10054007148873	100	1000
3M™ Scotchlok™ Electrical IDC 804	7010398509	10054007501883	100	1000
3M™ Scotchlok™ Electrical IDC 804-Bulk	7100003537	00054007061359	500	5000
3M™ Scotchlok™ Electrical IDC 804-Pouch	7100167045	10054007061349	25	250
3M™ Scotchlok™ Electrical IDC 905-Bulk	7000021415	50054007061293	500	5000
3M™ Scotchlok™ Electrical IDC 905-Pouch	7100175071	00054007061281	50	500
3M™ Scotchlok™ Electrical IDC 901-Pouch	7100175070	00054007061069	50	500
3M™ Scotchlok™ Electrical IDC 901-Bulk	7010297325	50054007061071	500	5000
3M™ Scotchlok™ Female QuickSlide Disconnect, 951X-Bottle	7000058872	00054007123125	50	500
3M™ Scotchlok™ Female QuickSlide Disconnect, 951K	7000005801	00054007123132	500	1000
3M™ Scotchlok™ Female QuickSlide Disconnect, 952X-Bottle	7000058873	00054007084273	50	500
3M™ Scotchlok™ Female QuickSlide Disconnect, 952K	7100008223	00054007084280	500	1000
3M™ Scotchlok™ Female Self-Stripping Disconnect, 953X, Bottle	7000058874	00054007123149	50	500
3M™ Scotchlok™ Female QuickSlide Disconnect, 953K	7000005802	10054007123153	500	1000
3M™ Scotchlok™ Female Disconnect 972-A, Fuse Holder Polypropylene Insulated Self-Stripping	7000058807	00051128575581	25	250
3M™ Scotchlok™ Female Disconnect 972-A, Fuse Holder Polypropylene Insulated Self-Stripping 972-A (Bulk)	7000006228	00051128575574	1000	1000

***3M carries a broad line of IDCs. Visit 3M.com for details**

3M™ Direct Bury Splice Kits

Help reduce exposure to the elements.



Strain Relief

Strain relief built into cap ensures connection holds



Moisture-Resistant Grease

Barrier for damp environments



3M™ Performance Plus™ Connector

Designed with uniquely flexible spring for a reliable connection

A reliable direct bury electrical splice all starts with the quality of the connection.

3M™ Direct Bury Splice Kits DBR/Y-6 and DBO/B-6 are used to electrically connect two or more pre-stripped copper wires and moisture seal the connection for direct burial applications per UL 486D.

These premium kits are excellent for applications such as golf courses, irrigation controls and outdoor lighting.

3M™ Direct Bury Splice Kits Ordering Information



3M Product	3M ID	Color	UPC	MOQ/Case Qty
3M™ Direct Bury Splice Kit DBR/Y-6 (KIT), 18-10 AWG	7000058827	Red/Yellow	10051128585730	25 kits*
3M™ Direct Bury Splice Kit DBR/Y-6 (BULK), 18-10 AWG	7000006235	Red/Yellow	00051128585740	100 splices
3M™ Direct Bury Splice Kit DBO/B-6 (KIT), 18-10 AWG	7100056041	Orange/Blue	00051128590751	25 kits*
3M™ Direct Bury Splice Kit DBO/B-6 (BULK), 18-10 AWG	7000006238	Orange/Blue	00051128590768	100 splices

*2 splices per kit

The kits include a 3M™ Performance Plus™ Wire Connector R/Y+ or O/B+ and a high impact, UV-resistant polypropylene tube prefilled with moisture-resistant grease.

3M™ Scotchlok™ & Highland™ Terminals

A robust offering of high-quality terminals.



Broad offering

Multiple terminal types, insulation materials and packaging options available



Excellent electrical and mechanical connection

Funnel barrel helps reduce wire hang ups, providing an excellent electrical connection



Individually molded insulators

With crimp ridges enable correct tool placement

High performing
and easy-to-install in
a variety of types,
sizes and materials.

Peace of mind is knowing that your wiring is secure. Whether it's providing electrical connections or helping to defend against mechanical stress or tension, 3M Wire Terminals forge connections that last and last.

With a variety of types, sizes and materials that meet a broad application range, it's no wonder 3M has been a leading supplier of wire terminals for 40 years.

3M™ Scotchlok™ & Highland™ Terminals Product Offering



3M™ Scotchlok™ Terminals Select Ordering Information

Wire Range	Stud Size	Ring Vinyl Insulated 	Block Fork Vinyl Insulated 	Butt Connector Vinyl Insulated 	Female Disconnect Nylon Fully Insulated 	Female Disconnect Vinyl Insulated 	3M™ Scotchlok™ Heat Shrink Terminal Kit (SHSTK-1)
22-18	6		MV18-6FBX 00051128587430	MV18BCX 00051128587393	MNU18-250DFIX 00051128587768	MVU18-250DFX 00051128587904	SHSTK-1 00051128613603
	8	MV18-8R/LX 00051128587317	MV18-8FBX 00051128587447				
	10	MV18-10R/LX 00051128587324	MV18-10FBX 00051128587454				
16-14	6		MV14-6FBX 00051128587461	MV14BCX 00051128587409	MNU14-250DFIX 00051128587775	MVU14-250DFX 00051128586716	
	8	MV14-8R/LX 00051128587553	MV14-8FBX 00051128587478				
	10	MV14-10R/LX 00051128587492	MV14-10FBX 00051128587485				
12-10	8	MV10-8RX 00051128587577	MV10-8FBX 00051128587652	MV10BCX 00051128587676	MNU10-250DFIX 00051128588123	MVI10-250DFX 00051128589366	
	10	MV10-10RX 00051128587584	MV10-10FBX 00051128587669				
	14	MV10-14R/SX 00051128587591					

3M™ Highland™ Terminals Select Ordering Information

Wire Range	Stud Size	Ring Vinyl Insulated 	Block Fork Vinyl Insulated 	Butt Connector Vinyl Insulated 	Female Disconnect Vinyl Insulated 	Male Disconnect Vinyl Insulated 	3M™ Highland™ Terminal Kit (HTK-1)
22-18	6	RV18-6Q 00051128600450	BFV18-6Q 00051128599945	BSV18Q 00051128599983	FDV18-250Q 00051128600085	MTV18-250Q 00051128600313	HTK-1 00051128613597
	8	RV18-8Q 00051128600467	BFV18-8Q 00051128599952				
	10	RV18-10Q 00051128600436	BFV18-10Q 00051128599935				
16-14	6	RV14-6Q 00051128600412	BFV14-6Q 00051128599914	BSV14Q 00051128599976	FDV14-250Q 00051128600061	MTV14-250Q 00051128600290	
	8	RV14-8Q 00051128600429	BFV14-8Q 00051128599921				
	10	RV14-10Q 00051128600382	BFV14-10Q 00051128599907				
12-10	6		BFV10-6Q 00051128599884	BSV10Q 00051128599969	FDV10-250Q 00051128600047	MTV10-250Q 00051128600276	
	8	RV10-8Q 00051128600375	BFV10-8Q 00051128599891				
	10	RV10-10Q 00051128600320	BFV10-10Q 00051128599877				
	14	RV10-14Q 00051128600337					

*3M carries a broad line of terminals with various insulating materials, wire, and stud configurations available.
Visit 3M.com/terminals for details.



Connect

Low voltage wire and cables

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- Scotch® Rubber Tapes
- Scotch® Mastic Tapes



3M Electrical Essentials

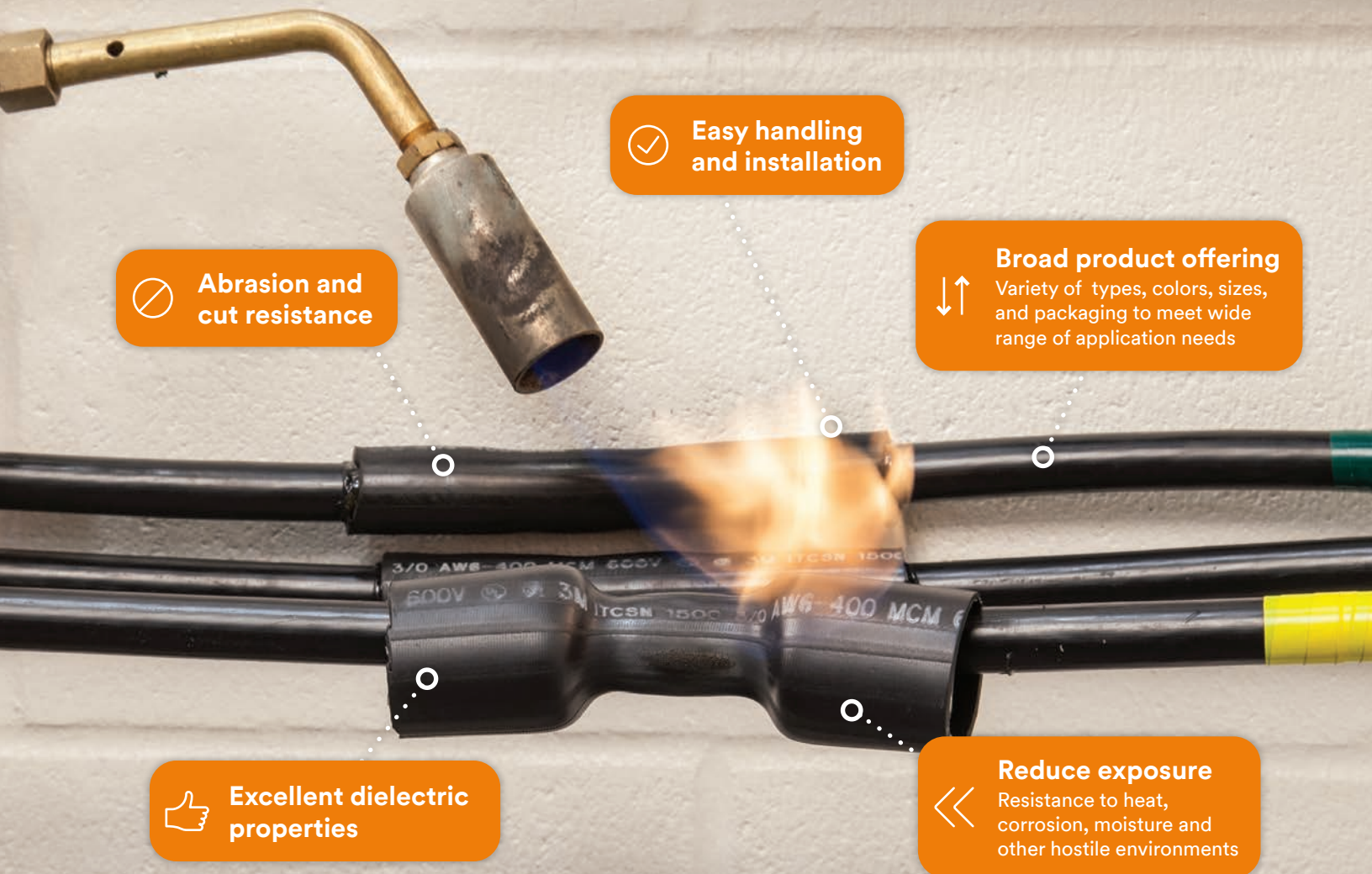


Protect with confidence

Help insulate and protect wire and cables with easy-to-use 3M™ Heat Shrink Tubing, 3M™ Cold Shrink Tubing, Scotchcast™ Resin and Scotchkote™ Electrical Coating.

3M™ Heat Shrink Tubing

We've got you covered.



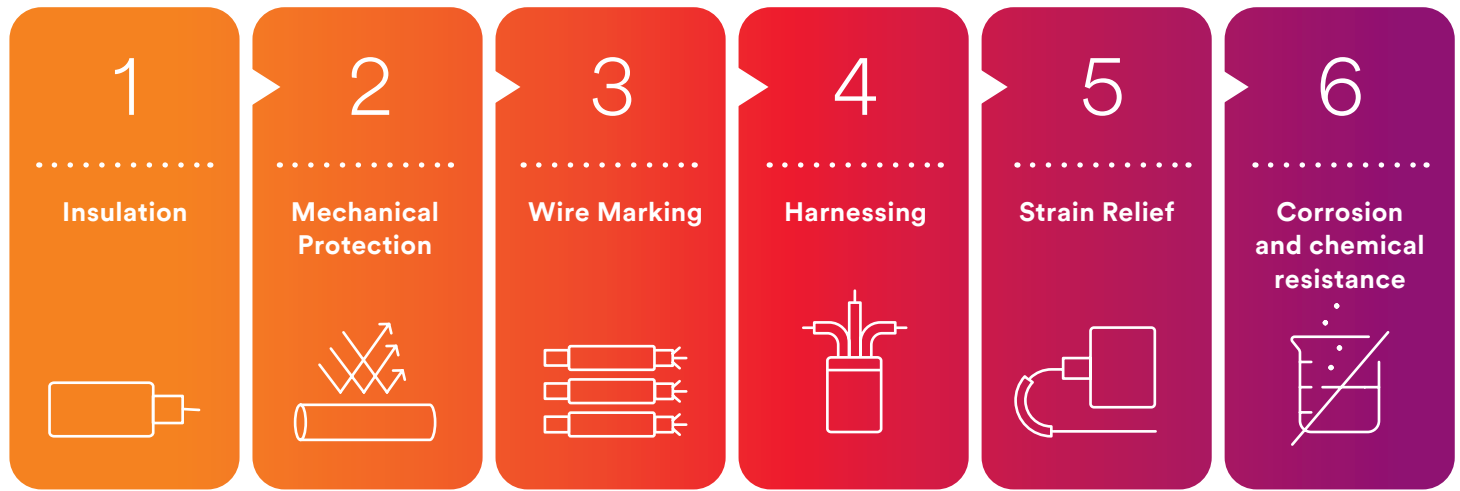
**Insulate and protect
your important
applications.**

3M™ Heat Shrink Tubing products offers long term reliability. With a long history of manufacturing quality heat shrink solutions, 3M™ Heat Shrink tubing offers the important advantages of simple installation and long-term reliability.

Common Heat Shrink Applications



3M™ Heat Shrink Tubing helps provide protection and insulation across a wide range of applications.



3M™ Heat Shrink Tubing Offerings

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



Thin Wall (FP-301)
Lightweight, tough and flexible single-wall polyolefin



Heavy & Medium Wall (ITCSN/IMCSN)
Heavy-duty cross-linked polyolefin with adhesive for demanding conditions



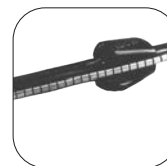
Bus Bar Tubing (BBI)
Durable and reliable specially formulated polyolefin rated for 5kV to 35kV applications



Adhesive-Wall (MW, EPS)
Adhesive-lined polyolefin tubing providing excellent environmental protection



Special Purpose Tubing
Specific applications include electronics and appliances, oil resistant coverings, high temperature and other harsh operating conditions



Wrap-around repair sleeves (HDCW)
Excellent protection against mechanical stress for 5kV to 35kV applications

Molded Pieces



Heavy-Duty Breakout Boots (HDBB)
Provides excellent insulation and void-free sealing of cable breakouts



End caps (SKE)
Offers mechanical and environmental protection to cable ends

3M™ Heat Shrink Tubing

Key Product Offerings



Thin Wall Tubing: FP-301

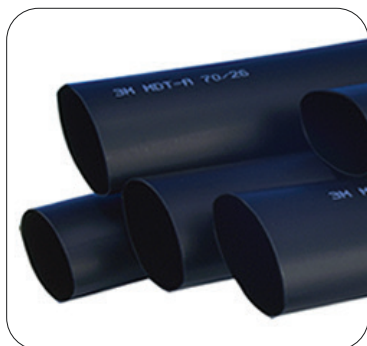
Lightweight, tough and flexible single-wall polyolefin

Key Benefits:

- Abrasion and tear resistant
- Flame retardant
- Chemical and solvent resistant
- Choice of colors and sizes

Key Applications:

- Shrink-fit electrical insulation over splices and terminations
- Lightweight wire harness covering
- Wire marking
- Component packaging
- Fire-resistant covering



Heavy Wall Tubing: ITCSN

Heavy-duty cross-linked polyolefin with adhesive for demanding conditions

Key Benefits:

- Thick wall top resists puncture and abrasion damage
- Rugged weather resistant protection
- Versatile, a minimum number of sizes cover an entire range of applications
- Resists acids and alkalies
- Bonds to a wide variety of substrates

Key Applications:

- For indoor, outdoor or overhead use
- Direct buried or submersible
- Insulating secondary splices
- Physical protection and moisture sealing of high voltage air insulated connectors and lugs
- Relocation of service
- Dig-in repairs
- Sheath repair



Bus Bar Tubing: BBI

Durable and reliable specially formulated polyolefin

Key Benefits:

- Excellent physical properties
- Excellent dielectric strength
- Excellent tracking and chemical resistance
- Good thermal endurance
- Flame retardant; self extinguishing
- Flexible; conforms to bends
- Each tube fits range of bus bar sizes and voltage ratings
- Tight fit for good heat dissipation

Key Applications:

- Insulating rectangular, square and round bus bar rated from 5kV - 35kV
- Cover and insulate inline bolted connections of rectangular bus bars
- For use on substation switchgear and metal-clad switchgear

3M™ Heat Shrink Tubing Ordering Information



3M™ Heat Shrink Tubing Key Product Comparison Overview

3M Product	Color	Packaging Types	Shrink Ratio	Expanded ID Range	Operating Temperature Range
Thin Wall: FP-301	Black, Blue, Clear, Green, Red, White, Yellow	Cut pieces, spools, kits	2:1	3/64" to 4"	–67°F to +275°F (–55°C to +135°C)
Heavy Wall: ITCSN	Black, Red	Cut pieces, spools	3:1	0.4" to 6.0"	–67°F to +230°F (–55°C to +110°C)
Bus Bar: BBI-A	Red	Spools	Sized to application	3" to 10"	Can be used on Bus Bar rated up +230°F (+110°C) for 5, 8, 15, 25 and 35 kV voltage classes

3M™ Heat Shrink Tubing Select Ordering Information - Thin Wall FP-301

3M Product	3M ID	Color	Expanded ID (in)	Length	Shrink Ratio	UPC	MOQ
Thin Wall Pieces							
3M™ Heat Shrink Thin-Wall Tubing FP-301-1/4-6"	7000133688	Black	1/4"	6"	2:1	00051128601143	10
3M™ Heat Shrink Thin-Wall Tubing FP-301-3/8-6"	7000133696	Black	3/8"	6"	2:1	00051128601273	10
3M™ Heat Shrink Thin-Wall Tubing FP-301-1/2-6"	7000133687	Black	1/2"	6"	2:1	00051128601129	10
3M™ Heat Shrink Thin-Wall Tubing FP-301-1/16-48"	7000133629	Black	1/16"	48"	2:1	00051128599655	25
3M™ Heat Shrink Thin-Wall Tubing FP-301-1/8-48"	7100007364	Black	1/8"	48"	2:1	00051128599792	25
3M™ Heat Shrink Thin-Wall Tubing FP-301-3/16-48"	7000133489	Black	3/16"	48"	2:1	00051128595701	25
3M™ Heat Shrink Thin-Wall Tubing FP-301-1/4-48"	7100007366	Black	1/4"	48"	2:1	00051128595770	12
3M™ Heat Shrink Thin-Wall Tubing FP-301-3/8-48"	7100007365	Black	3/8"	48"	2:1	00051128595848	12
3M™ Heat Shrink Thin-Wall Tubing FP-301-1/2-48"	7000133508	Black	1/2"	48"	2:1	00051128595916	12
3M™ Heat Shrink Thin-Wall Tubing FP-301-3/4-48"	7000133514	Black	3/4"	48"	2:1	00051128595985	12
3M™ Heat Shrink Thin-Wall Tubing FP-301-1-48"	7000133520	Black	1"	48"	2:1	00051128596043	5

3M™ Heat Shrink Tubing Select Ordering Information (cont.)

3M Product	3M ID	Color	Expanded ID (in)	Length	Shrink Ratio	UPC	MOQ
Thin Wall Kits							
3M™ Heat Shrink Tubing Assortment Pack FP-301-3/32	7000031556	Assorted	3/32"	6"	2:1	00051135366189	10
3M™ Heat Shrink Tubing Assortment Pack FP-301-1/8	7000132600	Assorted	1/8"	6"	2:1	00051135366196	10
3M™ Heat Shrink Tubing Assortment Pack FP-301-3/16	7000031557	Assorted	3/16"	6"	2:1	00051135366202	10
3M™ Heat Shrink Thin Wall Tubing Assortment Pack FP-301-1/4	7000132601	Assorted	1/4"	6"	2:1	00051135366219	10
3M™ Heat Shrink Tubing Assortment Pack FP-301-3/8	7000132602	Assorted	3/8"	6"	2:1	00051135366226	10
3M™ Heat Shrink Tubing Assortment Pack FP-301	7000132603	Assorted	1/2"	6"	2:1	00051135366233	10
3M™ Heat Shrink Tubing Kit FP-301, Assortment of Colors, 133 Tubes	7000031588	Assorted	3/32" - 1/2"	6"	2:1	00051135376775	5
3M™ Heat Shrink Tubing Kit FP-301, Black, 102 Tubes	7000031598	Black	3/16" to 1"	6"	2:1	00051135381397	5
Thin Wall Spools							
3M™ Heat Shrink Thin-Wall Tubing FP-301-1/16	7100027267	Clear	1/16	100'	2:1	10076308624047	300
3M™ Heat Shrink Thin-Wall Tubing FP-301-1/8	7100029985	Clear	1/8	100'	2:1	10051135355678	300
3M™ Heat Shrink Thin-Wall Tubing FP-301-1.5	7100025155	Clear	1 1/2	100'	2:1	30054007085332	200
3M™ Heat Shrink Thin-Wall Tubing FP-301-1/4	7100022418	Black	1/4	100'	2:1	10051135355746	300
3M™ Heat Shrink Thin-Wall Tubing FP-301-1/4	7100054613	Black	1/4	200'	2:1	00054007084853	600
3M™ Heat Shrink Thin-Wall Tubing FP-301-3/8	7100030655	Black	3/8	100'	2:1	10051135355807	300
3M™ Heat Shrink Thin-Wall Tubing FP-301-1/2	7000021421	Black	1/2	100'	2:1	00051135355862	300
3M™ Heat Shrink Thin-Wall Tubing FP-301-3/4	7100027324	Black	3/4	200'	2:1	00054007085027	600
3M™ Heat Shrink Thin-Wall Tubing FP-301-1	7100026209	Black	1	100'	2:1	10054007085086	300
3M™ Heat Shrink Thin-Wall Tubing FP-301-1.5	7000005975	Black	1 1/2	100'	2:1	00054007085140	200
3M™ Heat Shrink Thin-Wall Tubing FP-301-2	7100025150	Black	2	100'	2:1	00054007085171	200
3M™ Heat Shrink Thin-Wall Tubing FP-301-3	7100025151	Black	3	50'	2:1	00054007085218	50

3M™ Heat Shrink Tubing Select Ordering Information (cont.)

3M Product	3M ID	Color	Expanded ID (in)	Length	Shrink Ratio	UPC	MOQ
Thin Wall Adhesive-Lined							
3M™ Thin-Wall Heat Shrink Tubing Kit EPS-300, Adhesive-Lined, 42 Total 6" Tubes	7000132720	Black/Red	Variety between 0.5" - 1"	48.0 in	3:1	00051135384442	
3M™ Thin-Wall Heat Shrink Tubing EPS-300, Adhesive-Lined, 1-48"	7000133618	Black	1"	48.0 in	3:1	10051128599225	24
3M™ Thin-Wall Heat Shrink Tubing EPS-300, Adhesive-Lined, 1/2	7000133616	Black	0.5"	48.0 in	3:1	00051128599204	75
3M™ Thin-Wall Heat Shrink Tubing EPS-300, Adhesive-Lined, 3/4	7000133617	Black	0.75"	48.0 in	3:1	00051128599211	45
Busbar Tubing							
3M™ Bus Bar Tubing BBI-4A-20', O.D. 5.43 - 8.86 in, 20 feet/case	7100025923	Orange-Red	0.043 in	20.0 ft	1.5 : 1	00051135357286	

3M™ Heat Shrink Tubing Select Ordering Information: Heavy Wall ITCSN, UF Splice Kit

3M Product	3M ID	Color	Expanded ID (in)	Length	Shrink Ratio	UPC	MOQ
Heavy Wall Pieces							
3M™ Heat Shrink Heavy-Wall Cable Sleeve ITCSN-0400	7000031472	Black	0.4"	6"	3:1	00054007088875	25
3M™ Heat Shrink Heavy-Wall Cable Sleeve ITCSN-0800	7000149318	Black	0.8"	6"	3:1	00054007400677	25
3M™ Heat Shrink Heavy-Wall Cable Sleeve ITCSN-0800	7000132370	Black	0.8"	9"	3:1	00054007088905	25
3M™ Heat Shrink Heavy-Wall Cable Sleeve ITCSN-1100	7000149317	Black	1.1"	6"	3:1	00054007088943	25
3M™ Heat Shrink Heavy-Wall Cable Sleeve ITCSN-1100	7000031474	Black	1.1"	9"	3:1	00054007088936	25
3M™ Heat Shrink Heavy-Wall Cable Sleeve ITCSN-1500, 3/0 AWG-400 kcmil	7000057990	Black	1.5"	9"	3:1	00054007088974	10
3M™ Heat Shrink Heavy-Wall Cable Sleeve ITCSN-0400	7000132378	Black	0.4"	48"	3:1	00054007089025	5
3M™ Heat Shrink Heavy-Wall Cable Sleeve ITCSN-0800	7000132379	Black	0.8"	48"	3:1	00054007089032	5
3M™ Heat Shrink Heavy-Wall Cable Sleeve ITCSN-1100, 2-4/0 AWG	7000132380	Black	1.1"	48"	3:1	00054007089049	5
3M™ Heat Shrink Heavy-Wall Cable Sleeve ITCSN-1500	7000132381	Black	1.5"	48"	3:1	00054007089056	5
3M™ Heat Shrink Heavy-Wall Cable Sleeve ITCSN-2000	7000149319	Black	2.0"	48"	3:1	00054007089063	5
3M™ Heat Shrink Heavy-Wall Cable Sleeve ITCSN-3000	7000031476	Black	3.0"	48"	3:1	00054007089070	5
3M™ Heat Shrink Heavy-Wall Cable Sleeve ITCSN-4500	7000132664	Black	4.5"	48"	3:1	00051135379790	5
UF Splice Kit							
3M™ Splice Kit UF1 Standard	7000132746	Black		8"		00054007429203	6

*3M carries a broad line of heat shrink. Visit 3M.com for details.

3M™ Cold Shrink Tubing

We're in the splicing business.



No heat required



Excellent
environmental seal



Easy to install



Large cable range
coverage



Great at
accommodating
thermal cycling

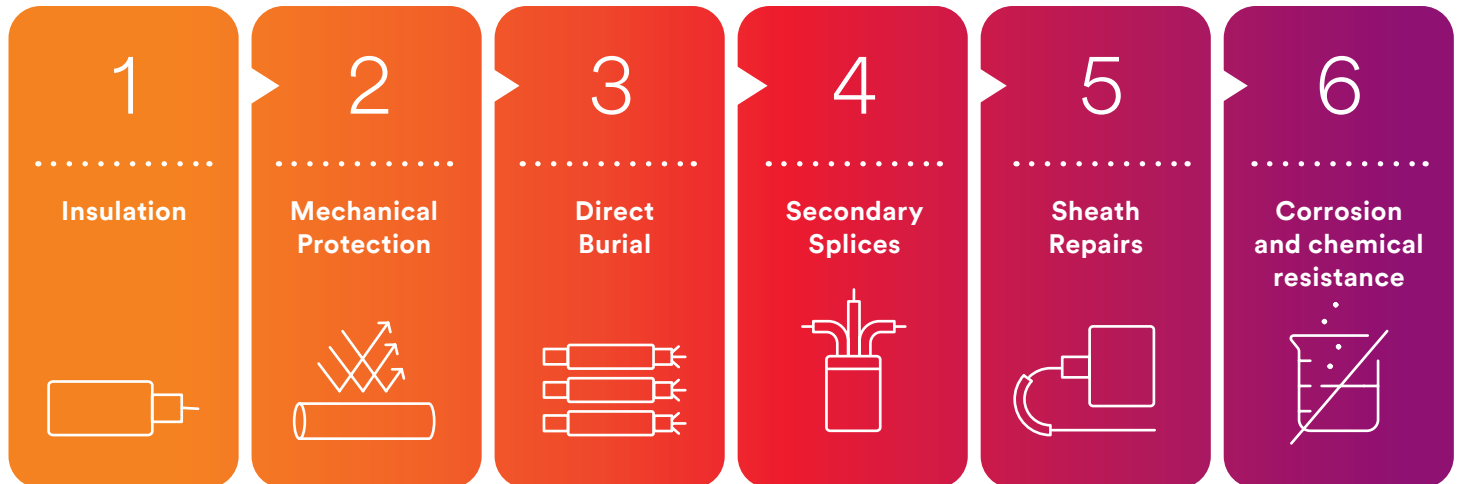
**Live seal, covers
broad cable range
with one size.**

3M™ Cold Shrink Tubes are installed easily and reliably without the use of tools (e.g. gas torches or naked flames). The tubes are made from extruded EPDM (Ethylene-Propylene-Diene-Monomer) or silicone rubber that are stretched onto a spiral core.

Common Cold Shrink Tubing Applications



3M™ Cold Shrink Tubing helps provide protection and insulation across a wide range of applications



Cold Shrink Tube Offering Overview

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



General Use EPDM (8420/8430)
EPDM insulators pre-stretched on a removable core for easy installation.



General Use Silicone (8440)
Silicone insulators pre-stretched on a removable core for indoor/outdoor applications.



3C Cable/Oil & Gas (5730)
Splice kits for use with 3/C or 4/C armor power cable.



End Caps/Corrosion Protection (EC/CPT)
EPDM tubular rubber sleeves loaded onto a removable core for resistance to abrasion, water, acids, alkalis, ozone and salt-fog environment. End caps are closed-ended.



Motor Lead Pigtail (5300)
For splicing motor lead cables to incoming feeder cables including pigtail stub connections.



Motor Lead Inline (5311-5314)
For splicing motor lead cables to incoming feeder cables including inline connections.



2kV/Renewables (WF)
EPDM insulators pre-stretched on a removable core designed for 2kV applications.



Range Taking (QI/QSLV-M)
EPDM insulators pre-stretched on a removable core with built-in mastic for water resistant tight seal application and to accommodate wide range of cables. Additional center core for added structural support in QSLV-M.

3M™ Cold Shrink Tubing Key Product Offerings



3M™ Cold Shrink Connector Insulators 8420 & 8430 Series

EPDM insulators pre-stretched on a removable core for easy installation.

Key Benefits:

- EPDM electrical insulator
- Pre-stretched on removable core
- Water resistant

Key Applications:

- Primary electrical insulation up to 1 kV
- Indoor and outdoor use
- Physical protection and environmental seal for non-electrical applications



3M™ Cold Shrink Silicone Insulators 8440 Series

Silicone insulators pre-stretched on a removable core for indoor/outdoor applications.

Key Benefits:

- Silicone electrical insulator
- Resists moisture, acids, alkalis, ozone, UV light and fire

Key Applications:

- Primary electrical insulation up to 1 kV
- Indoor and outdoor use
- Electrical aircraft cables, overhead applications and secondary splices



3M™ Cold Shrink Connector Insulator WF Series

EPDM insulators pre-stretched on a removable core specially designed for 2 kV applications.

Key Benefits:

- EPDM electrical insulator
- Pre-stretched on removable core
- Moisture resistant
- UL-486D rated offerings available

Key Applications:

- Primary electrical insulation up to 2 kV
- Indoor and outdoor use
- For direct burial or submersible applications

*WF101-104 are UL-486D rated.

3M™ Cold Shrink Tubing

Key Product Offerings (cont'd)



3M™ Motor Lead Pigtail Splice Kits, 1-Hole Lug Connections 5300-5304 Series

For splicing motor lead cables to incoming feeder cables including pigtail stub connection.

Key Benefits:

- Motor lead pigtail splicing
- EPDM slip-on lug cover
- CSA Certified and RoHS 2011/65/EU Compliant

Key Applications:

- Motor lead Pigtail (stub) connections up to 1kV
- Copper compression, 1-hole lugs



3M™ Motor Lead Inline Splice Kits 5311-5314 Series

For splicing motor lead cables to incoming feeder cables including inline connections.

Key Benefits:

- Motor lead inline splicing
- EPDM slip-on lug cover
- CSA Certified and RoHS 2011/65/EU Compliant

Key Applications:

- Motor lead Inline connections up to 1kV
- Copper compression, 1 or 2 hole lugs



3M™ Cold Shrink Quick Insulators QI & QSLV-M Series

EPDM insulators pre-stretched on a removable core with built-in mastic for broad range applications. QSLV-M splices have an additional center core for added structural support.

Key Benefits:

- EPDM electrical insulator with built-in mastic
- Pre-stretched on removable core
- Water resistant tight seal
- Center core for added structural support (QSLV-M)
- RoHS 2011/65/EU Compliant and ANSI Certified

Key Applications:

- Primary electrical insulation up to 1 kV
- Broad application range
- Indoor and outdoor use
- Sharp edge/odd shape connectors (QSLV-M)



3M™ Cold Shrink Tubing

Key Product Offerings (cont'd)



3M™ Cold Shrink End Caps EC Series

EPDM close-ended, tubular rubber sleeves loaded onto a removable core. Resistant to abrasion, water, acids, alkalis, and ozone.

Key Benefits:

- Provides physical protection for cables and pipes
- Resists water, alkalis, acids, abrasion and ozone
- Simple and fast installation without any tools

Key Applications:

- Cable and pipes physical protection
- Indoor and outdoor use



3M™ Corrosion Protection Kits CPT Series

Designed to provide a quick and easy method for protecting bulkhead termination connectors from the corrosive influences of wet and salt-fog installation environments.

Key Benefits:

- Fast, tool-free install with factory-expanded cold-shrink sleeve
- Tight NPT thread-to-enclosure seal using included mastic strips
- EPDM insulator contains no chlorides or sulfur
- Kit includes sleeve, mastic, instructions

Key Applications:

- Protecting bulkhead connectors at junction boxes, cabinets, panel boards
- Sealing NPT fittings to block moisture and contaminants
- Installations in standard or hazardous locations
- For quick retrofits and maintenance



3M™ Cold Shrink Inline Splice Kits 5730 Series

Splice kits for use with 3/C or 4/C armor power cable.

Key Benefits:

- CSA Certified and RoHS 2011/65/ EU Compliant

Key Applications:

- Primary electrical insulation up to 1 kV
- 3/C or 4/C power armor cable
- Oil & Gas
- Aerial, direct-burial and submersible

3M™ Cold Shrink Tubing

Ordering Information



3M™ Cold Shrink Connector Insulators 8420 & 8430 Series

3M Product	3M ID	Typical Conductor Size	Cable OD Range	Material	Max. Connector Length	Relaxed Tube Length	UPC	MOQ
3M™ Cold Shrink Insulator 8423-6	7000058442	6-4 AWG (14-16 mm²)	0.31 in-0.56 in (7.8 mm-14.2 mm)	EPDM Rubber	2.0 in (50.8 mm)	6.0 in (152 mm)	00054007421467	10
3M™ Cold Shrink Insulator 8423-6P	7100164587	6-4 AWG (14-16 mm²)	0.31 in-0.56 in (7.8 mm-14.2 mm)	EPDM Rubber	2.0 in (50.8 mm)	6.0 in (152 mm)	00054007428640	10
3M™ Cold Shrink Insulator 8424-8	7000006124	10-1/0 AWG (6-16 mm²)	0.10 in-0.82 in (2.5 mm-20.9 mm)	EPDM Rubber	3.0 in (76.2 mm)	8.0 in (203 mm)	00054007423904	10
3M™ Cold Shrink Insulator 8424-8P	7010397011	10-1/0 AWG (6-16 mm²)	0.10 in-0.82 in (2.5 mm-20.9 mm)	EPDM Rubber	3.0 in (76.2 mm)	8.0 in (203 mm)	00054007428657	10
3M™ Cold Shrink Insulator 8425-8	7000031605	2-1/0 AWG (35-50 mm²)	0.4 in-0.82 in (10.1 mm-20.9 mm)	EPDM Rubber	3.0 in (76.2 mm)	8.0 in (203 mm)	00054007423911	10
3M™ Cold Shrink Insulator 8425-8P	7010320404	2-1/0 AWG (35-50 mm²)	0.4 in-0.82 in (10.1 mm-20.9 mm)	EPDM Rubber	3.0 in (76.2 mm)	8.0 in (203 mm)	00054007428664	10
3M™ Cold Shrink Insulator 8426-11	7000006133	2/0 AWG-250 kcmil (70-125 mm²)	0.55 in-1.18 in (13.9 mm-30.1 mm)	EPDM Rubber	7.0 in (177.8 mm)	11.0 in (279 mm)	00054007344582	10
3M™ Cold Shrink Insulator 8426-9	7000006132	2/0 AWG-250 kcmil (70-125 mm²)	0.55 in-1.18 in (13.9 mm-30.1 mm)	EPDM Rubber	5.0 in (127 mm)	9.0 in (229 mm)	00054007344575	10
3M™ Cold Shrink Insulator 8426-9M	7000132877	2-4/0 AWG (30-90 mm²)	0.40 in-1.18 in (10.1 mm-30.1 mm)	EPDM Rubber	5.0 in (127 mm)	9.0 in (229 mm)	00054007434368	10
3M™ Cold Shrink Insulator 8426-9P	7010397012	2/0 AWG-250 kcmil (70-125 mm²)	0.55 in-1.18 in (13.9 mm-30.1 mm)	EPDM Rubber	5.0 in (127 mm)	9.0 in (229 mm)	00054007428671	10
3M™ Cold Shrink Insulator 8427-12	7000005943	250-400 kcmil (125-200 mm²)	0.67 in-1.38 in (16.8 mm-35.1 mm)	EPDM Rubber	8.0 in (203.2 mm)	12.0 in (305 mm)	00054007344599	10
3M™ Cold Shrink Insulator 8427-12P	7010349008	250-400 kcmil (125-200 mm²)	0.67 in-1.38 in (16.8 mm-35.1 mm)	EPDM Rubber	8.0 in (203.2 mm)	12.0 in (305 mm)	00054007428688	10
3M™ Cold Shrink Insulator 8427-16	7100010774	250-400 kcmil (125-200 mm²)	0.67 in-1.38 in (16.8 mm-35.1 mm)	EPDM Rubber	12.0 in (304.8 mm)	16.0 in (406 mm)	00054007344605	10
3M™ Cold Shrink Insulator 8427-6	7000132443	N/A	0.67 in-1.38 in (16.8 mm-35.1 mm)	EPDM Rubber	2.0 in (50.8 mm)	6.0 in (152 mm)	00054007099154	10
3M™ Cold Shrink Insulator 8428-12	7000005950	500-800 kcmil (300-400 mm²)	0.95 in-1.94 in (24.1 mm-49.2 mm)	EPDM Rubber	8.0 in (203.2 mm)	12.0 in (305 mm)	00054007090564	10

3M™ Cold Shrink Connector Insulators 8420 & 8430 Series (cont'd)

3M Product	3M ID	Typical Conductor Size	Cable OD Range	Material	Max. Connector Length	Relaxed Tube Length	UPC	MOQ
3M™ Cold Shrink Insulator 8428-12P	7000132745	500-800 kcmil (300-400 mm²)	0.95 in-1.94 in (24.1 mm-49.2 mm)	EPDM Rubber	8.0 in (203.2 mm)	12.0 in (305 mm)	00054007428695	10
3M™ Cold Shrink Insulator 8429-18	7000005944	500-800 kcmil (300-400 mm²)	0.95 in-1.94 in (24.1 mm-49.2 mm)	EPDM Rubber	14.0 in (356.6 mm)	18.0 in (457 mm)	00054007344612	10
3M™ Cold Shrink Insulator 8428-6	7000005997	N/A	0.95 in-1.94 in (24.1 mm-49.2 mm)	EPDM Rubber	2.0 in (50.8 mm)	6.0 in (152 mm)	00054007099161	10
3M™ Cold Shrink Insulator 8428-6M	7100164895	450-800 kcmil (240-400 mm²)	0.95 in - 1.94 in (24.1 mm-49.2 mm)	EPDM Rubber	2.0 in (50.8 mm)	6.0 in (152 mm)	00051128538289	50
3M™ Cold Shrink Insulator 8428-8	7100014045	500-800 kcmil (300-400 mm²)	0.949 in - 1.937 in (24.1 mm-49.2 mm)	EPDM Rubber	3.0 in (76.2mm)	8.0 in (203.2 mm)	00051128537114	25
3M™ Cold Shrink Insulator 8429-12	7000031604	900-1000 kcmil (500 mm²)	1.27-2.67 in (32.2-67.8mm)	EPDM Rubber	8.0 in (203.2 mm)	12 in. (305 mm)	00054007423898	10
3M™ Cold Shrink Insulator 8429-15	7100014045	500-800 kcmil (300-400 mm²)	0.95 in-1.94 in (24.1 mm-49.2 mm)	EPDM Rubber	3.0 in (76.2 mm)	8.0 in (203 mm)	00051128537114	25
3M™ Cold Shrink Insulator 8428-6	7000031604	900-1000 kcmil (500 mm²)	1.27 in-2.67 in (32.2 mm-67.8 mm)	EPDM Rubber	8.0 in (203.2 mm)	12.0 in (305 mm)	00054007423898	10
3M™ Cold Shrink Insulator 8429-15	7010418000	900-1000 kcmil (500 mm²)	1.27 in-2.67 in (32.2 mm-67.8 mm)	EPDM Rubber	11.0 in (279.4 mm)	15.0 in (381 mm)	00054007441984	10
3M™ Cold Shrink Insulator 8429-18	7000031458	900-1000 kcmil (500 mm²)	1.27 in-2.67 in (32.2 mm-67.8 mm)	EPDM Rubber	14.0 in (356.6 mm)	18.0 in (457 mm)	00054007344629	10
3M™ Cold Shrink Insulator 8429-6	7000058072	N/A	1.27 in-2.67 in (32.2 mm-67.8 mm)	EPDM Rubber	2.0 in (50.8 mm)	6.0 in (152 mm)	00054007099178	10
3M™ Cold Shrink Insulator 8429-9	7000145516	900-1000 kcmil (500 mm²)	1.27 in-2.67 in (32.2 mm-67.8 mm)	EPDM Rubber	5.0 in (127 mm)	9.0 in (229 mm)	00054007099314	10
3M™ Cold Shrink Insulator 8429-9M	7100164461	900-1000 kcmil (500 mm²)	1.27 in-2.67 in (32.2 mm-67.8 mm)	EPDM Rubber	5.0 in (127 mm)	9.0 in (229 mm)	00054007420187	10
3M™ Cold Shrink Insulator 8430-18	7000031603	1250-2000 kcmil	1.68 in-3.69 in (42.6 mm-93.7 mm)	EPDM Rubber	14.0 in (356.6 mm)	18.0 in (457 mm)	00054007423881	10

3M™ Cold Shrink Silicone Insulators 8440 Series

3M Product	3M ID	Typical Conductor Size	Cable OD Range	Material	Relaxed Tube Length	UPC	MOQ
3M™ Cold Shrink Silicone Insulator 8443-2	7000058009	6-2 AWG (14-30 mm²)	0.30-0.56 in (7.6-14.2 mm)	Silicone	2.0 in (50.8 mm)	00054007094852	10
3M™ Cold Shrink Silicone Insulator 8443-6.5	7000058007	6-2 AWG (14-30 mm²)	0.30-0.56 in (7.6-14.2 mm)	Silicone	6.5 in (165.1 mm)	00054007094821	10
3M™ Cold Shrink Silicone Insulator 8445-2.5	7000005982	2-1/0 AWG (35-50 mm²)	0.37-0.72 in (9.4-18.3 mm)	Silicone	2.5 in (63.5 mm)	00054007094869	10
3M™ Cold Shrink Silicone Insulator 8445-7.5	7000058008	2-1/0 AWG (35-50 mm²)	0.37-0.72 in (9.4-18.3 mm)	Silicone	7.5 in (190.5 mm)	00054007094838	10
3M™ Cold Shrink Silicone Insulator 8447-3.2	7000058010	1/0-3/0 AWG (60-80 mm²)	0.49-0.95 in (12.4-24.1 mm)	Silicone	3.2 in (81.28 mm)	00054007094876	10
3M™ Cold Shrink Silicone Insulator 8447-8	7000031486	1/0-3/0 AWG (60-80 mm²)	0.49-0.95 in (12.4-24.1 mm)	Silicone	8.0 in (203.2 mm)"	00054007094845	10

3M™ Cold Shrink Connector Insulator WF Series

3M Product	3M ID	Typical Conductor Size	Cable OD Range	Material	Cable Insulation OD Range	UPC	MOQ
3M™ Cold Shrink Connector Insulator WF100	7100022225	4-2 AWG	0.35-0.56 in (8.9-14.2 mm)	EPDM Rubber	0.35-0.56 in (8.8-14.2 mm)	00051128601457	10
3M™ Cold Shrink Connector Insulator WF101	7100022226	1-2/0 AWG	0.45-0.82 in (11.4-20.8 mm)	EPDM Rubber	0.45-0.82 in (11.4-20.8 mm)	00051128601464	10
3M™ Cold Shrink Connector Insulator WF102	7100022229	3/0 AWG-250 kcmil	0.62 in-1.18 in (15.7-30.1 mm)	EPDM Rubber	0.62-1.18 in (15.7-29.9 mm)	00051128601471	10
3M™ Cold Shrink Connector Insulator WF103	7100022240	350-500 kcmil	0.88-1.63 in (22.4-41.4 mm)	EPDM Rubber	0.88-1.63 in (22.3-41.4 mm)	00051128595466	10
3M™ Cold Shrink Connector Insulator WF104	7100022241	600-750 kcmil (Al) 600-1000 kcmil (Cu)	1.00-1.94 in (25.4-49.3 mm)	EPDM Rubber	1.0-1.94 in (25.4-49.2 mm)	00051128301488	10
3M™ Cold Shrink Connector Insulator WF105	7100165527	1000 – 1500 (Al) 1000 – 2000 (Cu)	1.25- 2.50 in (31.75 – 63.50 mm)	EPDM Rubber	1.25-2.5 in (31.7-63.5 mm)	00051128609316	10

*The WF101, WF102,WF103, WF104 are UL-486D rated.

3M™ Motor Lead Pigtail Splice Kits 5300-5304 Series

3M Product	3M ID	Feeder Cable Wire Range	Cable OD Range	Material	Motor Lead Cable Wire Range	Lug Cover ID	Lug Cover Length	UPC	MOQ
3M™ Motor Lead Pigtail Splice 5300	7000005804	14-10 AWG	0.12-0.21 in (3.0-5.3 mm)	EPDM Rubber	12-12 AWG	0.45 in (11.4 mm)	2.1 in (53.3 mm)	00054007083177	1
3M™ Motor Lead Pigtail Splice 5301	7000005805	10-4 AWG	0.17-0.36 in (4.3-9.1 mm)	EPDM Rubber	12-4 AWG	0.70 in (17.7 mm)	3.4 in (86.3 mm)	00054007122630	1
3M™ Motor Lead Pigtail Splice 5302	7000005806	2-1/0 AWG	0.34-0.54 in (8.6-13.7 mm)	EPDM Rubber	4-1/0 AWG	0.95 in (24.3 mm)	4.2 in (106.6 mm)	00054007122647	1
3M™ Motor Lead Pigtail Splice 5303	7000005807	1/0 AWG-250 kcmil	0.40-0.80 in (10.2-20.3 mm)	EPDM Rubber	2 AWG-250 kcmil	1.2 in (30.4 mm)	5.3 in (134.6 mm)	00054007122654	1
3M™ Motor Lead Pigtail Splice 5304	7000005808	4/0 AWG-500 kcmil	0.67-1.05 in (17.0-26.7 mm)	EPDM Rubber	4/0 AWG-500 kcmil	1.7 in (43.1 mm)	6.7 in (170.1 mm)	00054007122661	1

3M™ Motor Lead Inline Splice Kits 5311-5314 Series

3M Product	3M ID	Feeder Cable Wire Range	Cable OD range	Material	Motor Lead Cable Wire Range	Splice Cover Length	UPC	MOQ
3M™ Motor Lead Inline Pigtail Splice 5311	7100017508	10-4 AWG	0.17-0.36 in (4.3M™m-9.1mm)	EPDM Rubber	12-4 AWG	4-5 in (101-127 mm)	00054007122678	1
3M™ Motor Lead Inline Pigtail Splice 5312	7000132309	2-1/0 AWG	0.34-0.54 in (8.6mm-13.7mm)	EPDM Rubber	4-1/0 AWG	8-9 in (203-228 mm)	00054007122685	1
3M™ Motor Lead Inline Pigtail Splice 5313	7000132310	1/0 AWG-250 kcmil	0.40-0.80 in (10.2mm-20.3M™m)	EPDM Rubber	2 AWG-500 kcmil	9-10 in (228-254 mm)	00054007122692	1
3M™ Motor Lead Inline Pigtail Splice 5314	7000148830	250-500 kcmil	0.67-1.05 in (17.0mm-26.7mm)	EPDM Rubber	4/0 AWG-500 kcmil	12-13 in (304-330 mm)	00054007122708	1

3M™ Cold Shrink Quick Insulators QI Series

3M Product	3M ID	Typical Size Range* (Al connector)	Typical Size Range* (Cu connector)	Cable OD Range	Material	UPC	MOQ
3M™ Cold Shrink Quick Insulator QI 5/16-220	7100019552	8-1/10 AWG	8-2/0 AWG	0.20–0.65 in (5.1–16.5 mm)	EPDM Rubber	00051128577509	10
3M™ Cold Shrink Quick Insulator QI-6-4/0-9-(M)	7100165578	6-4/0 AWG	6-4/0 AWG	0.23–1.25 in (6–31 mm)	EPDM Rubber	00051128612620	50
3M™ Cold Shrink Quick Insulator QI 10/37-270	7000133177	2 AWG-500 kcmil	2 AWG-750 kcmil	0.40–1.45 in (10.2–36.8 mm)	EPDM Rubber	00051128576984	10
3M™ Cold Shrink Quick Insulator QI 18/57-325	7000133178	250-1250 kcmil	250-1250 kcmil	0.71–2.25 in (18.0–57.2 mm)	EPDM Rubber	00051128577516	10
3M™ Cold Shrink Insulator QI-20/44-195-S	7100165228	2-4/0 AWG	2-4/0 AWG	0.75–1.75 in (20–44 mm)	EPDM Rubber	00051128586020	10
3M™ Cold Shrink Insulator QI-34/88-220-S	7100165229	500-1000 kcmil	500-1000 kcmil	1.3–3.5 in (34–88 mm)	EPDM Rubber	00051128586037	10

3M™ Cold Shrink End Caps EC Series

3M Product	3M ID	Cable OD Range	Material	UPC	MOQ
3M™ Cold Shrink End Cap EC-1	7100017415	0.46-0.82 in (11.6-20.9 mm)	EPDM Rubber	00051128583883	10
3M™ Cold Shrink End Cap EC-2	7000133235	0.63-1.18 in (15.9-30.1 mm)	EPDM Rubber	00051128583890	10
3M™ Cold Shrink End Cap EC-3	7100135167	1.02-1.94 in (26.0-49.2 mm)	EPDM Rubber	00051128583906	10
3M™ Cold Shrink End Cap EC-4	7100017443	1.79-3.32 in (45.5-84.3 mm)	EPDM Rubber	00051128583913	10

3M™ Cold Shrink Quick Splice Kits QSLV-M Series

3M Product	3M ID	Cable OD Range	Material	Cable Size Range*	Max. Connector OD	UPC	MOQ
3M™ Cold Shrink Quick Splice Low Voltage QSLV-M 8-2/0	7000058804	0.20-0.75 in (5-19 mm)	EPDM Rubber	8-2/0 AWG	0.687 in (17 mm)	00051128572368	10
3M™ Cold Shrink Quick Splice Low Voltage QSLV-M 2-500	7000058805	0.40-1.60 in (10-41 mm)	EPDM Rubber	2 AWG-500 kcmil	1.500 in (38 mm)	00051128572375	10
3M™ Cold Shrink Quick Splice Low Voltage QSLV-M 2-500	7100165125	0.40-1.60 in (10-41 mm)	EPDM Rubber	2 AWG-500 kcmil	1.500 in (38 mm)	00051128572696	50
3M™ Cold Shrink Quick Splice Low Voltage QSLV-M-UF	7100165408	0.40-1.60 in (10-41 mm)	EPDM Rubber	-	1.500 in (38 mm)	00051128602867	10

3M™ Cold Shrink Corrosion Protection Kits CPT Series

3M Product	3M ID	Cable OD Range	Material	Max. Connector Installed Length	UPC	MOQ
3M™ Corrosion Protection Kit CPT-1/2	7000006139	0.50-1.60 in (12.7-40.6 mm)	EPDM Rubber	4.45 in (114.3 mm)	00054007430216	10
3M™ Corrosion Protection Kit CPT-3/4	7000006140	0.66-1.90 in (16.8mm-48.3 mm)	EPDM Rubber	4.80 in (121.93 mm)	00054007430223	10
3M™ Corrosion Protection Kit CPT-3	7000006141	2.60-5.40 in (66.0-137.2 mm)	EPDM Rubber	10.50 in (266.7 mm)	00054007430285	10
3M™ Corrosion Protection Kit CPT-4	7000006142	2.90-6.00 in (73.7-152.4 mm)	EPDM Rubber	13.00 in (330.2 mm)	00054007430308	10
3M™ Corrosion Protection Kit CPT-1 1/2	7000021422	1.40-3.00 in (35.6-76.2 mm)	EPDM Rubber	5.50 in (139.7 mm)	00054007430254	10
3M™ Corrosion Protection Kit CPT-2	7000021423	1.68-3.60 in (42.7-91.4 mm)	EPDM Rubber	6.50 in (165.1 mm)	00054007430261	10
3M™ Corrosion Protection Kit CPT-1 1/4	7000132762	1.22-2.65 in (31.0-67.3 mm)	EPDM Rubber	4.80 in (121.9 mm)	00054007430247	10
3M™ Corrosion Protection Kit CPT-1	7100003712	0.66-2.20 in (16.8-55.9 mm)	EPDM Rubber	4.80 in (121.9 mm)	00054007430230	10
3M™ Corrosion Protection Kit CPT-2 1/2	7100007253	1.97-4.30 in (50.0-109.2 mm)	EPDM Rubber	8.50 in (215.9 mm)	00054007430278	10
3M™ Corrosion Protection Kit CPT-3 1/2	7100008234	2.90-6.00 in (73.7-152.4 mm)	EPDM Rubber	13.50 in (342.9 mm)	00054007430292	10

3M™ Cold Shrink Inline Splice Kits 5730 Series

3M Product	3M ID	Typical Conductor Size	Cable OD Range	Material	Max. Connector Length	Relaxed Tube Length	UPC	MOQ
3M™ 3/C Low Voltage Splice Kit 5730	7000031620	0-600 V	0.62-1.00 in (15.7 -25.4 mm)	EPDM Rubber	10 AWG	3.0	00054007431718	1
3M™ 3/C Low Voltage Splice Kit 5731	7000031621	0-600 V	0.95-1.40 in (24.1-35.6 mm)	EPDM Rubber	4 AWG	3.0	00054007431725	1
3M™ 3/C Armored Power Cable Low Voltage Splice 5732	7000031622	0-1000 V	0.95-2.40 in (24.1-61.0 mm)	EPDM Rubber	1/0 AWG	3.0	00054007431732	1
3M™ 3/C Armored Power Cable Low Voltage Splice 5733	7000031623	0-1000 V	1.15-3.30 in (29.2-83.8 mm)	EPDM Rubber	250 kcmil	3.0	00054007431749	1
3M™ 3/C Armored Power Cable Low Voltage Splice 5734	7000031624	0-1000 V	1.55-4.00 in (39.4-101.6 mm)	EPDM Rubber	500 kcmil	3.0	00054007431756	1
3M™ 3/C Low Voltage Splice Kit 5735	7000132772	0-1000 V	1.55-4.00 in (39.4-101.6 mm)	EPDM Rubber	750 kcmil	3.0	00054007431763	1
3M™ Cold Shrink Inline Splice Kits 5730C/A	7000134400	0-1000 V	0.62-1.00 in (15.7 mm-25.4 mm)	EPDM Rubber	14-10 AWG	3.0	50051141046254	1
3M™ Cold Shrink Inline Splice Kits 5732C/AC	7000134401	0-600 V	0.95-1.40 in (24.1-35.6 mm)	EPDM Rubber	8-4 AWG	3.0	00051141046266	1
3M™ Cold Shrink Inline Splice Kits 5731C/AC	7000134402	0-1000 V	0.95-1.40 in (24.1-35.6 mm)	EPDM Rubber	8-4 AWG	3.0	50051141046278	1
3M™ Cold Shrink Inline Splice Kits 5733C/AC	7000134403	0-1000 V	1.14-3.31 in (28.9-84.0 mm)	EPDM Rubber	2/0 AWG, 250 kcmil	3.0	50051141046285	1
3M™ Cold Shrink Inline Splice Kits 5734C/AC	7000134404	0-1000 V	1.55-4.00 in (39.4-101.6 mm)	EPDM Rubber	250-500 kcmil	3.0	50051141046292	1
3M™ Cold Shrink Inline Splice Kits 5735C/AC	7100025263	0-1000 V	1.55 in-4.00 in (39.4-101.6 mm)	EPDM Rubber	500-750 kcmil	3.0	00689330110186	1

3M™ Scotchkote™ Electrical Coating FD

Tough jobs require tough materials.



Self-contained applicator

Brush attached to cap



Easy handling and installation



Fast drying

Remains flexible

Flexible once dry after application to splices and tape

For a fast-drying sealant, choose 3M™ Scotchkote™ Electrical Coating FD every time.

3M™ Scotchkote™ Electrical Coating FD is a fast drying sealant and bonding agent, used as an outer seal on a PVC tape splice.

3M™ Scotchkote™ Electrical Coating FD

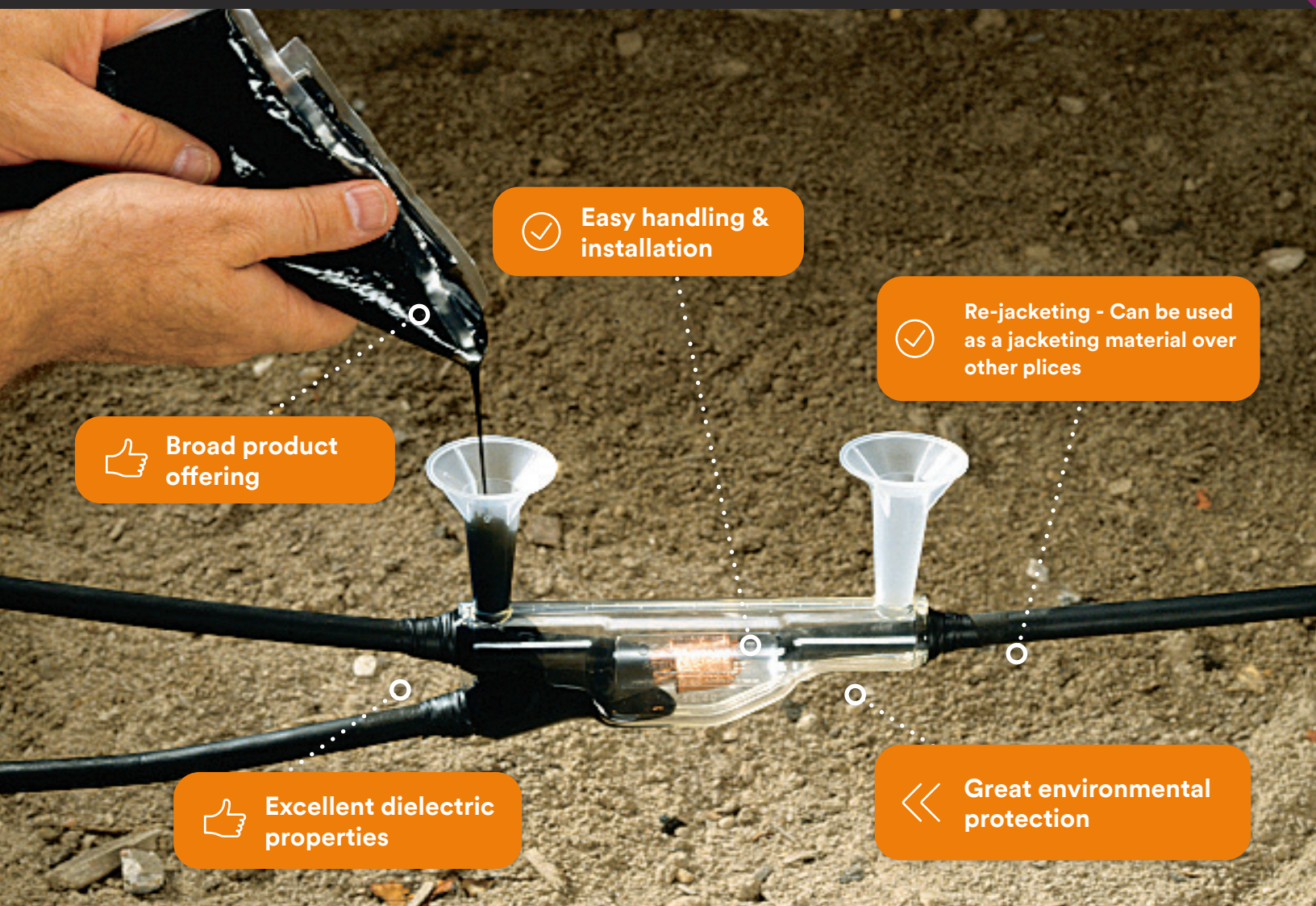
Ordering Information



3M Product	3M ID	UPC	MOQ
3M™ Scotchkote Electrical Coating FD, 15 oz. can	7100095977	00051128601518	10

3M™ Scotchcast™ Resin

Protection that pays off.



Easy handling & installation



Re-jacketing - Can be used as a jacketing material over other plies



Broad product offering



Excellent dielectric properties



Great environmental protection

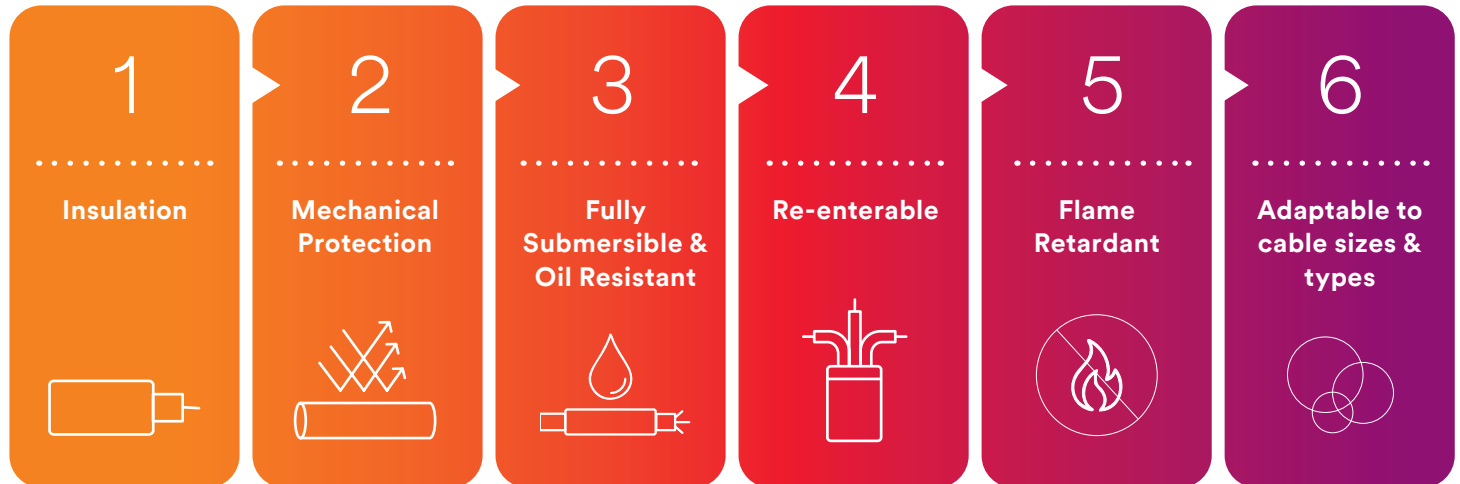
**Trusted technology,
reliable protection
and insulation.**

3M™ Scotchcast™ Resin products offer an easy solution for insulating and helping protect wire, cable, connections and components. To keep things running, cable connections need to be reliable. With 3M's Resin solutions, splicing becomes an easy process, with clean application, and a reliable result.

Common Resin Applications



3M™ Scotchcast™ Resin helps provide protection and insulation across a wide range of applications



3M™ Scotchcast™ Resin Offerings

With 3M™ Scotchcast™ Resin, you can get the level of protection you want from a broad range of products

Resin Types



Epoxy Resin

- Very hard – difficult to damage
- Protects electrical connections from harsh environments
- Can be submerged



Polyurethane Resin

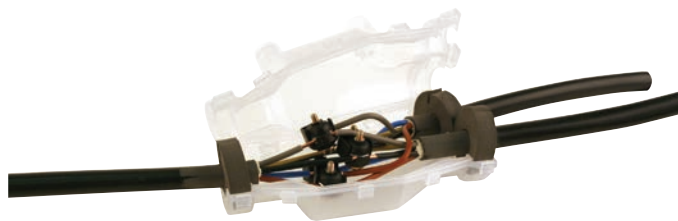
- Very durable but somewhat flexible
- Some are flame retardant
- Protects electrical connections from harsh environments
- Can be submerged



Polybutadiene Resin

- Re-enterable
- Protects electrical connections from water

3M™ Scotchcast™ Resin Key Product Offerings



3M™ Scotchcast™ Electrical Insulating Resin 4N & Kits (Epoxy Resin)

Excellent insulator and sealer for cable splicing, epoxy resin

Key Benefits:

- Tough and oil resistant
- Submersible
- UL Listed (in some kits)
- Kit Availability: 82-AN Series, 85-14CPN, Wye Resin Splice Kits

Key Applications:

- Insulation up to 5 kV for single conductors
- Insulation up to 1 kV for multi conductors
- Insulation up to 1 kV for cathodic protection
- Re-jacketing up to 69 kV
- Multipurpose moisture sealing
- Splicing solid dielectric and oil-filled cables



3M™ Scotchcast™ Electrical Insulating Resin 2104 & Kits (Polyurethane Resin)

Flexible yet durable resin that can accommodate multiple cables and configurations

Key Benefits:

- Flexible yet durable
- Versatile, can accommodate multiple cables and configurations
- Excellent wetting properties
- Kit Availability: 85, 84-14CP, 72-N

Key Applications:

- Splice jacket repair (single or multicore cable)
- Odd shaped cables or connectors
- Insulation up to 1 kV



3M™ Scotchcast™ Flame-Retardant Compound 2131 & Kits (Polyurethane Resin)

Flame-retardant, providing excellent protection in high-risk environments

Key Benefits:

- Flame-retardant
- Cable jacket repair
- MSHA approval for some kits
- Kit Availability: 82-F, 82-BF1, 5750/5760, 5830, 8096

Key Applications:

- Mining
- Splice repair
- MSHA approval requirement
- Insulation up to 1 kV

3M™ Scotchcast™ Resin

Key Product Offerings (cont'd)



3M™ Scotchcast™ Connector Sealing Pack 3570G-N Resin (Epoxy Resin)

Helps protect electrical spring connectors against environmental elements, epoxy resin

Key Benefits:

- Helps protect against water, dust, soil and environmental elements
- Thermosetting resin does not melt or run after curing

Key Applications:

- Convenient insulating and encapsulating resin for electrical spring connections
- Insulation up to 1 kV



3M™ Scotchcast™ Re-enterable Electrical Insulating Resin 2123 & 8882 (Polybutadiene Resin)

Re-enterable resin for sealing and insulating low voltage cables connections in electrical boxes

Key Benefits:

- Re-enterable for future maintenance
- Transparent resin for easy inspection
- Helps protect electrical connections from water
- Compatible with 3M™ Scotchcast™ Easy Dispenser 250 (2123 Resin only)

Key Applications:

- Re-enterable for voltage and current readings
- Sealing and electrical insulation in potting applications
- Insulation up to 1 kV



3M™ Scotchcast™ Potting Kit 2136 (Polyurethane Resin)

Putty-like resin for encapsulating pool/fountain lighting wet-niche

Key Benefits:

- 83 Shore A hardness
- Designed to resist dripping or sagging
- Withstands a voltage rating of 1 kV or less
- Helps protect against corrosion and possible deteriorating effects of fresh swimming pool and sunlight
- Available in black
- Includes a package of 3M™ Scotchcast™ Potting Compound 2136, cleaning pad kit, applicator stick and pair of gloves

Key Applications:

- Wet-niche encapsulating
- Insulation up to 1 kV

3M™ Scotchcast™ Resin Ordering Information



3M™ Scotchcast™ Electrical Insulating Resin 4N

3M Product	3M ID	Cable OD Range	Material	UPC	MOQ
3M™ Scotchcast™ Electrical Insulating Resin 4N-A, (3.1 oz)	7100127062	N/A	Epoxy	00051128613474	10
3M™ Scotchcast™ Electrical Insulating Resin 4N-B, (7.4 oz)	7100127061	N/A	Epoxy	00051128613481	10
3M™ Scotchcast™ Electrical Insulating Resin 4N-C, (14.6 oz)	7100123070	N/A	Epoxy	00051128613498	10
3M™ Scotchcast™ Electrical Insulating Resin 4N-E, (10.3 oz)	7100165598	N/A	Epoxy	00051128613535	10
3M™ Scotchcast™ Electrical Insulating Resin 4N-D, (22.1 oz)	7100165597	N/A	Epoxy	00051128613511	10

3M™ Wye Resin Splice Kits

3M Product	3M ID	Cable OD Range	Material	UPC	MOQ
3M™ Scotchcast™ Wye Resin Splice kit 82-B1N	7100123111	0.250 - 0.625 in	Epoxy	00051128613443	10
3M™ Scotchcast™ Wye Resin Splice kit 90-B1N	7100123109	0.50-0.812 in	Epoxy	00051128613467	10

3M™ Scotchcast™ Inline Resin Power Cable Splice Kits 82-AN Series

3M Product	3M ID	Cable OD Range	Material	UPC	MOQ
3M™ Scotchcast™ Inline Resin Power Cable Splice kit 82-AN	7100123072	up to 0.60 in	Epoxy	00051128613382	10
3M™ Scotchcast™ Inline Resin Power Cable Splice kit 82-A1N	7100123073	up to 0.625 in	Epoxy	00051128613412	10
3M™ Scotchcast™ Inline Resin Power Cable Splice kit 82-A2N	7100123110	up to 1.00 in	Epoxy	00051128613429	10
3M™ Scotchcast™ Inline Resin Splice kit 82-A3N	7100117646	up to 1.5625 in	Epoxy	00051128613436	10

3M™ Scotchcast™ Electrical Insulating Resin 2104

3M Product	3M ID	Material	Weight	UPC	MOQ
3M™ Scotchcast™ Electrical Insulating and Sealing Compound 2104A	7100003209	Polyurethane	3.46 oz	00054007311898	10
3M™ Scotchcast™ Electrical Insulating and Sealing Compound 2104B	7000145509	Polyurethane	7.4 oz	00054007313823	10
3M™ Scotchcast™ Electrical Insulating and Sealing Compound 2104E	7100164191	Polyurethane	10.6 oz	00054007311874	10
3M™ Scotchcast™ Electrical Insulating and Sealing Compound 2104C	7100029214	Polyurethane	14.82 oz	00054007313830	10
3M™ Scotchcast™ Electrical Insulating and Sealing Compound 2104D	7000005905	Polyurethane	23.8 oz	00054007118497	10

3M™ Scotchcast™ Inline Splice Kits 72-N Series

3M Product	3M ID	Cable OD Range	Material	UPC	MOQ
3M™ Scotchcast™ Inline Splice Kit 72-N1	7000005906	0.250-0.625 in	Polyurethane	00054007106234	10
3M™ Scotchcast™ Inline Splice Kit 72-N2	7100007449	0.50-1.00 in	Polyurethane	00054007106258	10
3M™ Scotchcast™ Inline Splice Kit 72-N3	7100007452	0.625-1.500 in	Polyurethane	00054007106272	10
3M™ Scotchcast™ Inline Splice Kit 72-N3	7000005909	1.00-2.00 in	Polyurethane	00054007106296	10
3M™ Scotchcast™ Inline Splice Kit 72-N5	7000005910	1.25-2.25 in	Polyurethane	00054007106319	10
3M™ Scotchcast™ Inline Splice Kit 72-N6	7000005912	1.25-3.25 in	Polyurethane	00054007106333	10

3M™ Scotchcast™ Multi-Mold Resin Splice Kits 85 Series

3M Product	3M ID	Cable OD Range	Material	UPC	MOQ
3M™ Scotchcast™ Multi-Mold Resin Splice Kit 85-14CPN	7100123074	up to 0.875 in	Polyurethane	00051128613450	10
3M™ Scotchcast™ Multi-Mold Resin Splice Kit 85-16	7100059057	up to 1.50 in	Polyurethane	00054007024033	10
3M™ Scotchcast™ Multi-Mold Resin Splice Kit 85-10	7100009589	up to 0.4375 in	Polyurethane	00054007118466	10
3M™ Scotchcast™ Multi-Mold Resin Splice Kit 85-14	7000132288	up to 0.875 in	Polyurethane	00054007118480	10
3M™ Scotchcast™ Multi-Mold Resin Splice Kit 85-12	7000132287	up to 0.75 in	Polyurethane	00054007118473	10

3M™ Scotchcast™ Flame-Retardant Compound 2131

3M Product	3M ID	Material	Weight	UPC	MOQ
3M™ Scotchcast™ Flame-Retardant Compound 2131B	7000006239	Polyurethane	213 g / 7.5 oz	00051128591666	10
3M™ Scotchcast™ Flame-Retardant Compound 2131C	7000031844	Polyurethane	612 g / 21.5 oz	00051128591673	10
3M™ Scotchcast™ Flame-Retardant Compound 2131 Part B	7000058848	Polyurethane	21 kg / 46.5 lb	00051128591826	1

3M™ Scotchcast™ Flexible Power Cable Splicing Kits 82-F Series

3M Product	3M ID	Cable OD Range	Material	UPC	MOQ
3M™ Scotchcast™ Flexible Splice 82-F1	7000006240	0.25 - 0.80 in	Polyurethane	00051128591765	10
3M™ Scotchcast™ Flexible Splice 82-F2	7100010200	0.80 - 1.20 in	Polyurethane	00051128591772	10
3M™ Scotchcast™ Flexible Splice 82-BF1	7100011582	0.25 - 0.80 in	Polyurethane	00051128591758	10

3M™ Scotchcast™ Cold Shrink Inline Splice Kits 5750 Series

3M Product	3M ID	Cable OD Range	Material	UPC	MOQ
3M™ Scotchcast™ 3-Cond Inline Splice 5751	7100009636	0.50 - 0.95 in	Polyurethane	00051128591697	1
3M™ Scotchcast™ 3-Cond Inline Splice 5752	7100009640	0.66 - 1.25 in	Polyurethane	00051128591680	1
3M™ Scotchcast™ 3-Cond Non-Shielded Splice 5753	7100009634	0.95 - 1.80 in	Polyurethane	00051128591710	1

3M™ Scotchcast™ Cold Shrink Inline Splice Kits 5760 Series

3M Product	3M ID	Cable OD Range	Material	UPC	MOQ
3M™ Scotchcast™ 3-Cond Shielded Splice 5761	7000031845	0.65 - 1.00 in	Polyurethane	00051128591727	1
3M™ Scotchcast™ 3-Cond Shielded Splice 5762	7100009642	0.93 - 1.94 in	Polyurethane	00051128591703	1

3M™ Scotchcast™ Mine and Portable Cable Splicing Kits 8096 Series

3M Product	3M ID	Cable OD Range	Material	UPC	MOQ
3M™ Scotchcast™ Mining Splice 8096-2	7100018397	1.85 - 4.00 in	Polyurethane	00051128591789	1
3M™ Scotchcast™ Mining Splice 8096-4	7000133443	1.85 - 4.00 in	Polyurethane	00051128591796	1
3M™ Scotchcast™ Mining Splice 8096-6	7000133444	1.85 - 6.00 in	Polyurethane	00051128591802	1

3M™ Scotchcast™ Connector Sealing Packs

3M Product	3M ID	Cable OD Range	Material	UPC	MOQ
3M™ Scotchcast™ Connector Sealing Pack 3570G-N	7000133446	N/A	Epoxy	10051128591861	100

3M™ Scotchcast™ Potting Kits

3M Product	3M ID	Cable OD Range	Material	UPC	MOQ
3M™ Scotchcast™ Potting Kit 2136	7000133447	N/A	Polyurethane	00051128591901	10

3M™ Scotchcast™ Re-Enterable Electrical Insulating Resins

3M Product	3M ID	Material	UPC	MOQ
3M™ Scotchcast™ Re-Enterable Electrical Insulating Resin 2123D (2.9 oz) Size A, 10/Case	7100179825	Polybutadiene	00638060289310	10
3M™ Scotchcast™ Re-Enterable Electrical Insulating Resin 2123D (21.2 oz) Size E, 10/Case	7100179833	Polybutadiene	00638060289327	10
3M™ Scotchcast™ Re-Enterable Electrical Insulating Resin 2123C (12.3 oz), 10/Case	7000031696	Polybutadiene	00051128551202	10
3M™ Scotchcast™ Re-Enterable Electrical Insulating Resin 2123D (21.2 oz), 10/Case	7000006197	Polybutadiene	00051128551219	10
3M™ Scotchcast™ Re-Enterable Electrical Insulating Resin 2123 (1 Gallon), 1/Case	7100165378	Polybutadiene	00051128595022	1
3M™ Scotchcast™ Re-Enterable Electrical Insulating Resin 2123D (21.2 oz), 1/Case	7100015525	Polybutadiene	00051128606148	1
3M™ Scotchcast™ 2123 Re-Enterable Resin Easy Dispenser 250, size 250 ml, 6 bags/case	7100231726	Polybutadiene	04054596840645	6



Connect

Low voltage wire and cables

- 3M™ Performance Plus™ Wire Connectors
- 3M™ Scotchlok™ Insulation Displacement Connectors
- 3M™ Direct Bury Splice Kits
- 3M™ Scotchlok™ and Highland™ Terminals



Protect

Low voltage wire and cables

- 3M™ Heat Shrink Tubing
- 3M™ Cold Shrink Tubing
- 3M™ Scotchcast™ Resin
- 3M™ Scotchkote™ Electrical Coating FD



Manage

Low voltage wire and cables

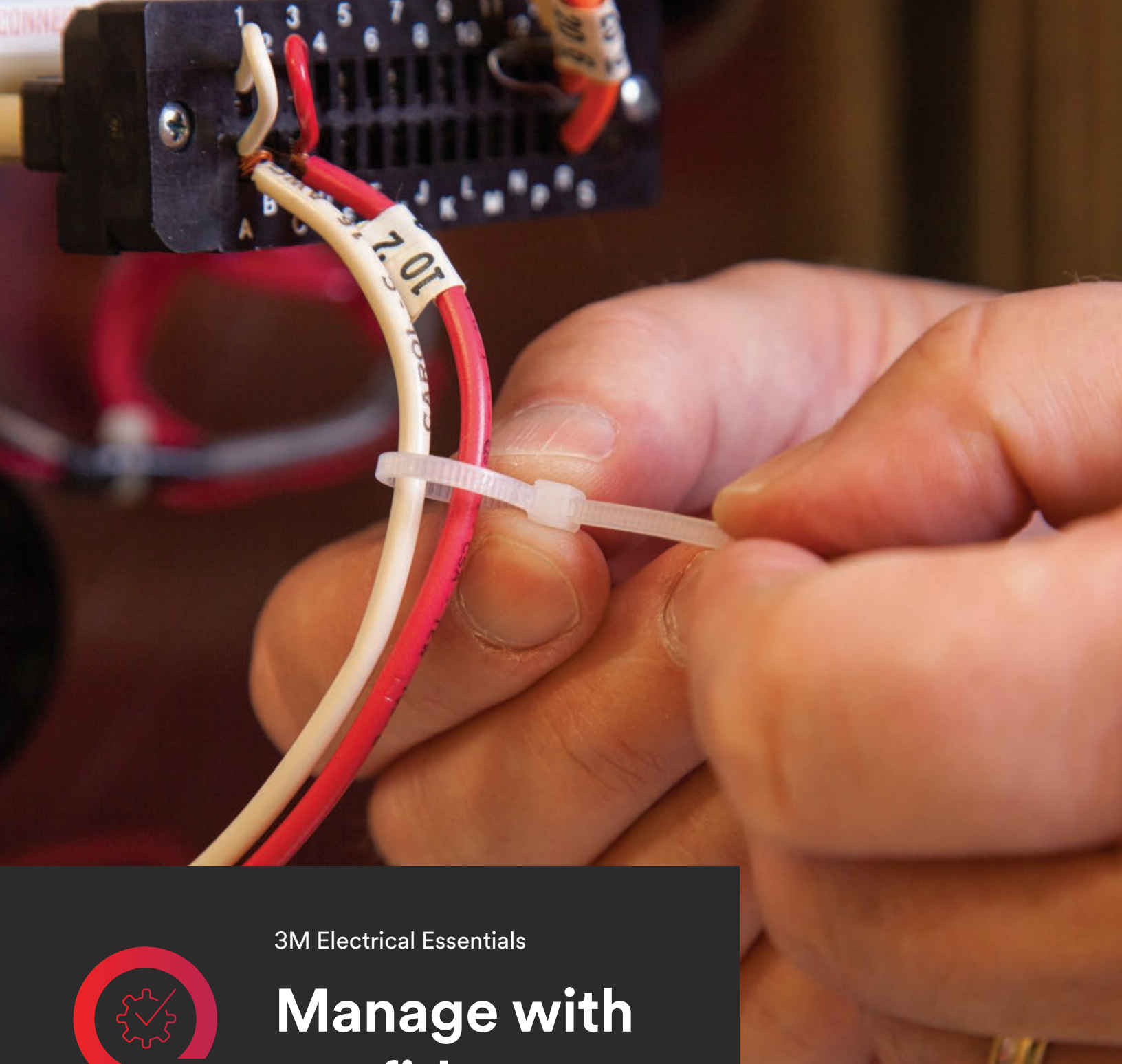
- 3M™ Cable Ties, Stackers, and Bases
- 3M™ Wire Lubricants
- 3M™ ScotchCode™ Wire Marking and Identification System



Secure

Critical electrical connections

- Scotch® Premium Vinyl Tapes
- 3M™ Temflex™ General Use Vinyl Tapes
- Scotch® Rubber Tapes
- Scotch® Mastic Tapes



3M Electrical Essentials



Manage with confidence

**Help manage messy wires and cables with
3M™ Cable Ties, 3M™ Wire Lubricants, & 3M™
ScotchCode™ Wire Marking and Identification
Systems.**

3M™ Cable Ties

Broad solutions for effective fastening.



Natural, Red and Black Available

Natural and red for indoor use and UV weather-resistant black for indoor and outdoor use



Broad product offering

Available in several strengths, lengths, steel barb and screw mount options



Plenum Rated AH-2

For use in air handling spaces

When you're working on complicated equipment, cable management is critical.

Keeping cables or wires under control is important not only for basic organization and ease-of-access for troubleshooting, but helps maintain functionality.

3M™ Cable Ties are made with high-quality nylon 6/6 and designed to secure wire bundles and harness components quickly, without slipping.

3M™ Cable Ties

Ordering Information



3M™ Standard Nylon Cable Ties - Natural and Red Nylon 6/6 Ordering Information

3M Product	3M ID	UPC	Length in (mm)	Width in (mm)	Thickness in (mm)	Max. Bundle Diameter in (mm)	Bag Qty	Carton Qty
Miniature Cable Ties (18 lb., 80N)								
3M™ Cable Tie CT4NT18-C	7000031849	00051128592755	4.1 (104)	0.10 (3,0)	0.04 (1,0)	0.75 (19)	100	1000
3M™ Cable Tie CT4NT18-M	7000133452	00051128592762	4.1 (104)	0.10 (3,0)	0.04 (1,0)	0.75 (19)	1000	10000
3M™ Cable Tie CT6NT18-C	7000031850	10051128592783	6.1 (155)	0.10 (3,0)	0.05 (1,3)	1.25 (32)	100	1000
3M™ Cable Tie CT6NT18-M	7100022741	00051128592793	6.1 (155)	0.10 (3,0)	0.05 (1,3)	1.25 (32)	1000	10000
3M™ Cable Tie CT8NT18-C	7000031851	00051128592823	8.1 (206)	0.10 (3,0)	0.05 (1,3)	2.00 (51)	100	1000
3M™ Cable Tie CT8NT18-M	7000031852	00051128592830	8.1 (206)	0.10 (3,0)	0.05 (1,3)	2.00 (51)	1000	10000
Intermediate Cable Ties (40 lb., 180 N)								
3M™ Cable Tie CT6NT40-C	7000133454	00051128592861	5.8 (147)	0.14 (3,6)	0.05 (1,3)	1.25 (32)	100	1000
3M™ Cable Tie CT6NT40-M	7000133455	00051128592878	5.8 (147)	0.14 (3,6)	0.05 (1,3)	1.25 (32)	1000	10000
3M™ Cable Tie CT8NT40-C	7000133456	00051128592908	8.9 (226)	0.14 (3,6)	0.05 (1,3)	2.00 (51)	100	1000
3M™ Cable Tie CT8NT40-M	7010400105	00051128592915	8.9 (226)	0.14 (3,6)	0.05 (1,3)	2.00 (51)	1000	10000
Standard Cable Ties (50 lb, 220 N)								
3M™ Cable Tie CT8NT50-C	7000031855	10051128592974	7.6 (193)	0.18 (4,6)	0.05 (1,3)	1.87 (48)	100	1000
3M™ Cable Tie CT8NT50-M	7000133460	00051128592991	7.6 (193)	0.18 (4,6)	0.05 (1,3)	1.87 (48)	1000	10000
3M™ Cable Tie CT8RD50-C	7010400149	10051128595593	7.6 (193)	0.18 (4,6)	0.05 (1,3)	1.87 (48)	100	1000
3M™ Cable Tie CT11NT50-C	7000031856	10051128593025	11.1 (282)	0.18 (4,6)	0.05 (1,3)	3.00 (76)	100	1000
3M™ Cable Tie CT11NT50-D	7000133462	00051128593035	11.1 (282)	0.18 (4,6)	0.05 (1,3)	3.00 (76)	500	5000
3M™ Cable Tie CT11RD50-C	7010349835	10051128595609	11.1 (282)	0.18 (4,6)	0.05 (1,3)	3.00 (76)	100	1000
3M™ Cable Tie CT15NT50-C	7000031859	00051128593073	14.6 (371)	0.18 (4,6)	0.05 (1,3)	4.00 (102)	100	500
3M™ Cable Tie CT15NT50-D	7000133463	00051128593097	14.6 (371)	0.18 (4,6)	0.05 (1,3)	4.00 (102)	500	2500
Light Heavy-Duty Ties (120 lb., 550 N)								
3M™ Cable Tie CT8NT120-L	7000133465	00051128593110	9 (229)	0.30 (7,6)	0.07 (1,8)	2.00 (51)	50	500
3M™ Cable Tie CT15NT120-C	7100038009	00051128593158	15 (381)	0.30 (7,6)	0.07 (1,8)	4.00 (102)	100	500
3M™ Cable Tie CT15NT120-D	7000133469	00051128593172	15 (381)	0.30 (7,6)	0.07 (1,8)	4.00 (102)	500	2500
Heavy-Duty Ties (175 lb., 800 N)								
3M™ Cable Tie CT24NT175-L	7100358695	10051128593193	9 (229)	0.30 (7,6)	0.07 (1,8)	2.00 (51)	50	500
3M™ Cable Tie CT36NT175-L	7000133470	00051128593219	15 (381)	0.30 (7,6)	0.07 (1,8)	4.00 (102)	50	500
3M™ Cable Tie CT48NT175-L	7100200652	00638060290453	15 (381)	0.30 (7,6)	0.07 (1,8)	4.00 (102)	50	500



3M™ Standard Nylon Cable Ties - Weather-Resistant Black Nylon 6/6 Ordering Information

3M Product	3M ID	UPC	Length in (mm)	Width w (mm)	Thickness in (mm)	Max. Bundle Diameter in (mm)	Bag Qty	Carton Qty
Miniature Cable Ties (18 lb., 80N)								
3M™ Cable Tie CT4BK18-C	7000133450	10051128592738	4.1 (104)	0.10 (3,0)	0.04 (1,0)	0.75 (19)	100	1000
3M™ Cable Tie CT4BK18-M	7000133451	00051128592748	4.1 (104)	0.10 (3,0)	0.04 (1,0)	0.75 (19)	1000	10000
3M™ Cable Tie CT6BK18-C	7000058849	00051128592779	6.1 (155)	0.10 (3,0)	0.05 (1,3)	1.25 (32)	100	1000
3M™ Cable Tie CT8BK18-C	7010398268	00051128592809	8.1 (206)	0.10 (3,0)	0.05 (1,3)	2.00 (51)	100	1000
3M™ Cable Tie CT8BK18-M	7010349804	00051128592816	8.1 (206)	0.10 (3,0)	0.05 (1,3)	2.00 (51)	1000	10000
Intermediate Cable Ties (40 lb., 180 N)								
3M™ Cable Tie CT6BK40-C	7000133453	10051128592844	5.8 (147)	0.14 (3,6)	0.05 (1,3)	1.25 (32)	100	1000
3M™ Cable Tie CT6BK40-M	7100094987	00051128592854	5.8 (147)	0.14 (3,6)	0.05 (1,3)	1.25 (32)	1000	10000
3M™ Cable Tie CT8BK40-C	7100027555	00051128592885	8.9 (226)	0.14 (3,6)	0.05 (1,3)	2.00 (51)	100	1000
3M™ Cable Tie CT8BK40-M	7010400104	00051128592892	8.9 (226)	0.14 (3,6)	0.05 (1,3)	2.00 (51)	1000	10000
Standard Cable Ties (50 lb., 220 N)								
3M™ Cable Tie CT8BK50-C	7000031853	10051128592936	7.6 (193)	0.18 (4,6)	0.05 (1,3)	1.87 (48)	100	1000
3M™ Cable Tie CT8BK50-M	7000031854	00051128592946	7.6 (193)	0.18 (4,6)	0.05 (1,3)	1.87 (48)	1000	10000
3M™ Cable Tie CT11BK50-C	7000058850	10051128593001	11.1 (282)	0.18 (4,6)	0.05 (1,3)	3.00 (76)	100	1000
3M™ Cable Tie CT11BK50-D	7000133461	10051128593018	11.1 (282)	0.18 (4,6)	0.05 (1,3)	3.00 (76)	500	5000
3M™ Cable Tie CT15BK50-C	7000031857	10051128593049	14.6 (371)	0.18 (4,6)	0.05 (1,3)	4.00 (102)	100	500
3M™ Cable Tie CT15BK50-D	7000031858	00051128593059	14.6 (371)	0.18 (4,6)	0.05 (1,3)	4.00 (102)	500	2500
Light Heavy-Duty Ties (120 lb., 550 N)								
3M™ Cable Tie CT8BK120-L	7000133464	10051128593100	9 (229)	0.30 (7,6)	0.07 (1,8)	2.00 (51)	50	500
3M™ Cable Tie CT15BK120-C	7000031860	10051128593124	15 (381)	0.30 (7,6)	0.07 (1,8)	4.00 (102)	100	500
3M™ Cable Tie CT15BK120-D	7000133466	00051128593134	15 (381)	0.30 (7,6)	0.07 (1,8)	4.00 (102)	500	2500
Heavy-Duty Ties (175 lb., 800 N)								
3M™ Cable Tie CT24BK175-L	7100358828	10051128593186	9 (229)	0.30 (7,6)	0.07 (1,8)	2.00 (51)	50	500
3M™ Cable Tie CT36BK175-L	7000031861	00051128593202	15 (381)	0.30 (7,6)	0.07 (1,8)	4.00 (102)	50	500
3M™ Cable Tie CT48BK175-L	7100200651	00638060290361	15 (381)	0.30 (7,6)	0.07 (1,8)	4.00 (102)	50	500



3M™ Steel Barb Cable Ties - UV-Resistant Black

3M Product	3M ID	UPC	Length in (mm)	Width in (mm)	Thickness in (mm)	Max. Bundle Diameter in (mm)	Bag Qty	Carton Qty
Steel Barb Cable Ties (18 lb.)								
3M™ Steel Barb Cable Tie CTSB8BK18-C	7100177329	00076308925833	7.9 (201)	.09 (2,4)	.04 (1,0)	2.00 (51)	100	1000
Steel Barb Cable Ties (40 lb.)								
3M™ Steel Barb Cable Tie CTSB6BK40-C	7100177327	00076308925819	6.1 (155)	.14 (3,6)	.05 (1,3)	1.37 (35)	100	1000
Steel Barb Cable Ties (50 lb.)								
3M™ Steel Barb Cable Tie CTSB8BK50-M	7100177333	00076308925871	7.3 (186)	.19 (4,8)	.06 (1,5)	1.77 (45)	1000	5000
3M™ Steel Barb Cable Tie CTSB11BK50-C	7100177335	00076308925895	11.6 (295)	.19 (4,8)	.06 (1,5)	3.19 (81)	100	1000
3M™ Steel Barb Cable Tie CTSB11BK50-M	7100177336	00076308925918	11.6 (295)	.19 (4,8)	.06 (1,5)	3.19 (81)	1000	5000
3M™ Steel Barb Cable Tie CTSB15BK50-M	7100177341	00076308925956	14.8 (376)	.19 (4,8)	.06 (1,5)	4.21 (107)	1000	5000
Steel Barb Cable Ties (110 lb.)								
3M™ Steel Barb Cable Tie CTSB28BK110-L	7100177346	00076308926021	27.5 (699)	.28 (7,0)	.06 (1,6)	7.99 (203)	50	500
Steel Barb Cable Ties (120 lb.)								
3M™ Steel Barb Cable Tie CTSB15BK120-L	7100177322	00076308925970	15.7 (400)	.39 (10,0)	.07 (1,7)	4.29 (109)	50	500
3M™ Steel Barb Cable Tie CTSB15BK120-D	7100177343	00076308925994	15.7 (400)	.39 (10,0)	.07 (1,7)	4.29 (109)	500	2500
3M™ Steel Barb Cable Tie CTSB18BK120-L	7100177344	00076308926007	17.7 (450)	.39 (10,0)	.07 (1,7)	4.88 (124)	50	500



3M™ Steel Barb Cable Ties - Natural

3M Product	3M ID	UPC	Length in (mm)	Width in (mm)	Thickness in (mm)	Max. Bundle Diameter in (mm)	Bag Qty	Carton Qty
Steel Barb Cable Ties (18 lb.)								
3M™ Steel Barb Cable Tie CTSB8NT18-C	7100177329	76308925826	7.9 (201)	.09 (2,4)	.04 (1,0)	2.00 (51)	100	1000
Steel Barb Cable Ties (40 lb.)								
3M™ Steel Barb Cable Tie CTSB6NT40-C	7100177320	76308925802	6.1 (155)	.14 (3,6)	.05 (1,3)	1.37 (35)	100	1000
Steel Barb Cable Ties (50 lb.)								
3M™ Steel Barb Cable Tie CTSB8NT50-C	7100177330	76308925840	7.3 (186)	.19 (4,8)	.06 (1,5)	1.77 (45)	100	1000
3M™ Steel Barb Cable Tie CTSB8NT50-M	7100177332	76308925864	7.3 (186)	.19 (4,8)	.06 (1,5)	1.77 (45)	1000	5000
3M™ Steel Barb Cable Tie CTSB11NT50-C	7100177334	76308925888	11.6 (295)	.19 (4,8)	.06 (1,5)	3.19 (81)	100	1000
3M™ Steel Barb Cable Tie CTSB11NT50-M	7100177337	76308925901	11.6 (295)	.19 (4,8)	.06 (1,5)	3.19 (81)	1000	5000
3M™ Steel Barb Cable Tie CTSB15NT50-C	7100177338	76308925925	14.8 (376)	.19 (4,8)	.06 (1,5)	4.21 (107)	100	1000
3M™ Steel Barb Cable Tie CTSB15NT50-M	7100177340	76308925949	14.8 (376)	.19 (4,8)	.06 (1,5)	4.21 (107)	1000	5000
Steel Barb Cable Ties (110 lb.)								
3M™ Steel Barb Cable Tie CTSB28NT110-L	7100177347	76308926038	27.5 (699)	.28 (7,0)	.06 (1,6)	7.99 (203)	50	500
Steel Barb Cable Ties (120 lb.)								
3M™ Steel Barb Cable Tie CTSB15NT120-L	7100177342	76308925963	15.7 (400)	.39 (10,0)	.07 (1,7)	4.29 (109)	50	500
3M™ Steel Barb Cable Tie CTSB15NT120-L	7100177342	76308925963	15.7 (400)	.39 (10,0)	.07 (1,7)	4.29 (109)	500	2500
3M™ Steel Barb Cable Tie CTSB18NT120-L	7100177345	76308926014	17.7 (450)	.39 (10,0)	.07 (1,7)	4.88 (124)	50	500



3M™ Cable Ties - Assortment Pack

3M Product	3M ID	UPC	Length in (mm)	Width in (mm)	Thickness in (mm)	Max. Bundle Diameter in (mm)	Bag Qty	Carton Qty
3M™ Assortment Pack Cable Tie CT06220	7000133471	00051128593240	Varies	Varies	Varies	Varies	100	1000
3M™ Steel Barb Cable Tie CTSB- SAMPLE, Mixed Variety Pack	7100194257	00076308926199	Varies	Varies	Varies	Varies	35	700

CT06220 contains 15 each of natural nylon 6/6 ties: CT4NT18-, CT6NT40-, CT8NT50-, and CT11NT50- and 10 each of black, weather-resistant nylon 6/6 ties: CT4BK18-, CT6BK40-, CT8BK50-, and CT11BK50-

CTSB-SAMPLE contains 5 each of CTSB4BK18-, CTSB6NT40-, CTSB8NT18-, CTSB8BK50-, CTSB11NT50-, CTSB11BK50- and CTSB15BK120-



3M™ Mounting Bases

3M Product	3M ID	UPC	Dimensions LxWxH in (mm)	Slot Width in (mm)	Slot Height in (mm)	Color	Mount Type	Bag Qty.	Material
3M™ Cable Tie Mounting Base CTB75X75NTA-C	7000031863	10054007062940	.74 x .74 x .22 (19 x 19 x 5,6)	0.21 (5,3)	.06 (1,5)	Natural	Foam Backed Adhesive	100	Nylon
3M™ Cable Tie Mounting Base CTB75X75BKA-C	7000132457	10054007062957	.74 x .74 x .22 (19 x 19 x 5,6)	0.21 (5,3)	.06 (1,5)	UV Resistant Black	Foam Backed Adhesive	100	Nylon
3M™ Cable Tie Mounting Base CTB1X1NTA-C	7100024765	10054007062964	.99 x .99 x .22 (25 x 25 x 5,6)	0.21 (5,3)	.06 (1,5)	Natural	Foam Backed Adhesive	100	Nylon
3M™ Cable Tie Mounting Base CTB1X1BKA-C	7000133488	10054007062971	.99 x .99 x .23 (25 x 25 x 5,6)	0.21 (5,3)	.06 (1,5)	UV Resistant Black	Foam Backed Adhesive	100	Nylon
3M™ Cable Tie Mounting Base CTB2X1BGA-C	7000132289	54007062905	2.0 x 1.0 x .35 (51 x 25 x 8,9)	0.21 (5,3)	.18 (4,5)	Beige	Foam Backed Adhesive	100	ABS
3M™ Cable Tie Mounting Base CTB1X1BGA-C	7000132290	54007062929	1.0 x 1.2 x .15 (25 x 25 x 3,8)	0.21 (5,3)	.06(1,5)	Beige	Foam Backed Adhesive (Screw Mount)	100	ABS
3M™ Nylon Cable Tie Mounting Base CTB60X38NTS-C	7100358686	10054007956676	.6 x .38 x .27	0.21 (5,3)	.06(1,5)	Natural	Screw Mount	100	Nylon
3M™ Cable Tie Base CTB90X63NTS-C	7100358823	10054007956683	.9 x .63 x .38	0.35 (8,9)	.10 (2,5)	Natural	Screw Mount	100	Nylon



3M™ Cable Stackers

3M Product	3M ID	Dimensions	UPC	MOQ
3M™ Cable Stacker SI-1, Bag of 25	7000132935	3.35 x 1.72	100540074955 40	250
3M™ Furring Strip Cable Stacker SIFS-1, Bag of 25	7000132474	3.84 x 1.19	00054007488183	250

3M™ Wire Lubricants

Make wire pulling manageable.



Easy to use



Broad product offering
Variety of types and packaging

**Reduce friction to
lessen the chance of
cable jacket damage.**

When applied to cable, 3M™ Wire Lubricants help reduce friction so wire pulling is a much more manageable task.

We offer a variety of types and packaging for various application conditions to give you the right lubricant for the job at hand.

3M™ Wire Lubricants Ordering Information



3M Product	3M ID	Package	Temperature Use Range	UPC	MOQ
Wire Pulling Lubricant Gel: Translucent polymer gel					
3M™ Wire Pulling Lubricant WL-QT	7000058273	1 Quart	20–110°F (-6.7–43°C)	00054007506225	12
3M™ Wire Pulling Lubricant Gel WL-5	7000031543	5 Gallon	20–110°F (-6.7–43°C)	00054007506249	1
3M™ Wire Pulling Lubricant Gel WL-55	7000058274	55 Gallon	20–110°F (-6.7–43°C)	50054007506251	1
Wire Pulling Lubricant Wax: Gray, wax-based emulsion					
3M™ Wire-Pulling Lubricant WLX-QTG	7100026918	1 Quart	10–194°F (-12–90°C)	00054007417422	12
3M™ Wire-Pulling Lubricant WLX-1G	7000006087	1 Gallon	10–194°F (-12–90°C)	00054007417439	4
3M™ Wire-Pulling Lubricant WLX-5G	7000006088	5 Gallon	10–194°F (-12–90°C)	50054007417441	1
Wire Pulling Lubricant Clear: Clear water-based gel					
3M™ Clear Wire Pulling Lubricant WLC-QT	7100027021	1 Quart	20–120°F (-6.7–49°C)	00051128579220	12
3M™ Clear Wire Pulling Lubricant WLC-1	51128579237	1 Gallon	20–120°F (-6.7–49°C)	00051128579237	4
3M™ Clear Wire Pulling Lubricant WLC-5	7010349664	5 Gallon	20–120°F (-6.7–49°C)	00051128579244	1
Wire Pulling Lubricant Spray: Clear, highly concentrated gel-type liquid					
3M™ Wire Pulling Lubricant Spray WLS-Q	7100076897	1 Quart	20–120°F (-6.7–49°C)	00051128579251	12
Wire Pulling Lubricant Wintergrade: Translucent, green polymer gel for cold weather applications					
3M™ Wire Pulling Lubricant Wintergrade WLW-QT	7100042633	1 Quart	10–110°F (-12–43°C)	00054007417460	12
3M™ Wire Pulling Lubricant Wintergrade WLW-5	7000132634	5 Gallon	10–110°F (-12–43°C)	00054007417484	1

3M™ ScotchCode™ Wire Marking & Identification System

Easily identify wires for maintenance and repair.



Convenient, pre-printed or write-on labels



Refillable dispensers



Tag material resists solvents, oil and water

**Consistency is key
in your electrical
and maintenance
projects.**

Clearly identify wires, cables and systems with 3M™ ScotchCode™ Wire Marking products. Help avoid costly errors and delays by easily identifying wires for maintenance and repair.

Available in a range of sizes and form factors, the tag material on 3M™ Wire Markers resists solvents, oil and water. Convenient to use pre-printed or write-on labels in refillable dispensers make marking wires and components fast and easy.

3M™ ScotchCode™ Wire Marking & Identification System Ordering Information



3M™ ScotchCode™ Pre-Printed Wire Marker Books (SPB)

Wire marker books that contain printed vinyl coated cloth wire and terminal markers

3M Product	3M ID	Contents	Quantity (Each)	UPC	Inner Unit Pack	Case Qty
3M™ ScotchCode™ Pre-Printed Wire Marker Book SPB-01	7000132478	0-9 L1-L3, T1-T3	45 15	00054007499510	1/bag	5
3M™ ScotchCode™ Pre-Printed Wire Marker Book SPB-02	7000132479	A-Z, 0-15, +, -, /	10	00054007499527	1/bag	5
3M™ ScotchCode™ Pre-Printed Wire Marker Book SPB-03	7000132480	1-45	10	00054007499534	1/bag	5
3M™ ScotchCode™ Pre-Printed Wire Marker Book SPB-04	7000132481	1,2,3	150	00054007499541	1/bag	5
3M™ ScotchCode™ Pre-Printed Wire Marker Book SPB-05	7000132482	A, B, C	150	00054007499558	1/bag	5
3M™ ScotchCode™ Pre-Printed Wire Marker Book SPB-06	7100041605	T1, T2, T3	150	00054007499565	1/bag	5
3M™ ScotchCode™ Pre-Printed Wire Marker Book SPB-07	7100041606	L1, L2, L3	150	00054007499572	1/bag	5
3M™ ScotchCode™ Pre-Printed Wire Marker Book SPB-08	7000148836	1-15 16-90 A-Z, +, -, /, 0	6 4 2	00054007499589	1/bag	5
3M™ ScotchCode™ Pre-Printed Wire Marker Book SPB-09	7000132483	1,2,3,A,B,C L1-L3, T1-T3	45 30	00054007499596	1/bag	5
3M™ ScotchCode™ Pre-Printed Wire Marker Book SPB-11	7000132484	1-30	15	00054007499602	1/bag	5
3M™ ScotchCode™ Pre-Printed Wire Marker Book SPB-12	7000132485	A-Z + — Write-On Markers	15 8 6 21	00054007499619	1/bag	5
3M™ ScotchCode™ Pre-Printed Wire Marker Book SPB-13	7000132486	+, -, AC, DC POS, NEG, GND NEUT, SPARE Write-On Markers	45 33 27 21	00054007499626	1/bag	5
3M™ ScotchCode™ Pre-Printed Wire Marker Book SPB-14	7000132487	46-90	10	00054007499633	1/bag	5
3M™ ScotchCode™ Pre-Printed Wire Marker Book SPB-15-AS1	7100072619	30 Alarm System Legends 1-15 16-45 Write-On Markers	9 5 2 21	00054007499640	1/bag	5
3M™ ScotchCode™ Pre-Printed Wire Marker Book SPB-16-LC1	7010319127	68 Load Center Legends Write-On Markers	5 110	00054007499657	1/bag	5



3M™ ScotchCode™ Write-On Dispensers

Self-laminating write-on marker dispensers

3M Product	3M ID	Contents	Labels per roll	Write-On Area Length	Write-On Area Height	Marker Size Length	Marker Size Height	Recommended Wire O.D.	UPC	Case Qty
3M™ ScotchCode™ Wire Marker Write-On Dispenser with Tape and Pen SLS	7000058136	Dispenser with tape and SMP pen	170	1" (25mm)	0.5" (13M™m)	1" (25mm)	2.125" (54mm)	0.15 × 0.49" (3,8 × 12,4mm)	00054007496533	10
3M™ ScotchCode™ Wire Marker Tape Refill Roll SLS-R	7000058135	Refill roll for SLS	-	-	-	-	-	-	00054007496526	10
3M™ ScotchCode™ Wire Marker Write-On Dispenser with Tape and Pen SLW	7000031502	Dispenser with tape and SMP pen	70	1" (25mm)	0.75" (19mm)	1" (25mm)	5" (127mm)	0.23 × 1.32" (5,8 × 35,5mm)	00054007121770	10
3M™ ScotchCode™ Refill Roll SLW-R	7000031767	Refill roll for SLW	-	-	-	-	-	-	00051128562215	10
3M™ ScotchCode™ Wire Marker Write-On Dispenser with Tape and Pen SWD	7000031501	Dispenser with tape and SMP pen	50	0.75" (19mm)	0.312" (8mm)	0.75" (19mm)	1.375" (35mm)	0.09 × 0.31" (2,3 × 7,8mm)	00054007119548	10
3M™ ScotchCode™ Refill Roll SWD-R	7000031766	Refill roll for SWD	-	-	-	-	-	-	00051128562208	10



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

Wire marker books that contain self-laminating, write-on markers designed for small volume applications

3M Product	3M ID	Labels per book	Write-On Area Length	Write-On Area Height	Marker Size Length	Marker Size Height	Recommended Wire O.D.	UPC	Inner Unit Pack	Case Qty
3M™ ScotchCode™ Write-On Wire Marker Book SWB-01	7000133164	180	0.5" (13mm)	0.5" (13mm)	0.5" (13mm)	1.5" (38mm)	0.16 × 0.31" (4 × 8mm)	00054007499046	1/bag	5
3M™ ScotchCode™ Write-On Wire Marker Book SWB-02	7000058801	120	0.75" (19mm)	0.75" (19mm)	0.75" (19mm)	1.75" (44mm)	0.24 × 0.31" (6 × 8mm)	00054007499053	1/bag	5
3M™ ScotchCode™ Write-On Wire Marker Book SWB-03	7000058802	60	1" (25mm)	1" (25mm)	1" (25mm)	2.85" (72mm)	0.32 × 0.58" (8 × 15mm)	00054007499060	1/bag	5
3M™ ScotchCode™ Write-On Wire Marker Book SWB-04	7000058803	30	1" (25mm)	1" (25mm)	1" (25mm)	5.0" (127mm)	0.32 × 1.55" (8 × 39mm)	00054007499077	1/bag	5



3M™ ScotchCode™ Wire Marker Tape Dispenser (STD)

Compact carry-along dispenser with ten refillable compartments

3M Product	3M ID	Contents	UPC	Case Qty
3M™ ScotchCode™ Wire Marker Tape Dispenser STD	7000031483	Dispenser only - holds 10 rolls	00054007121725	25
3M™ ScotchCode™ Wire Marker Tape Dispenser STD-X	7000058134	Dispenser only - holds 10 rolls	00054007495192	10
3M™ ScotchCode™ Wire Marker Tape Dispenser with Tape STD-0-9	7000006035	Dispenser filled with 10 rolls of numbered tape (one each of 0-9)	00054007121749	25
3M™ ScotchCode™ Wire Marker Tape Dispenser with Tape STD-0-9X	7000058253	Dispenser filled with 10 rolls of numbered tape (one each of 0-9)	00054007495185	10
3M™ ScotchCode™ Wire Marker Tape Dispenser with Tape STD-C	7000031515	Dispenser filled with 10 rolls of colored tape (one each of black, blue, brown, green, gray, orange, red, violet, white and yellow)	00054007121756	25
3M™ ScotchCode™ Wire Marker Tape Dispenser with Tape STD-CX	7000132529	Dispenser filled with 10 rolls of colored tape (one each of black, blue, brown, green, gray, orange, red, violet, white and yellow)	00054007495178	10



3M™ ScotchCode™ Wire Marker Tape Refill Rolls (SDR)

Available in ten NEMA colors, individual numbers and consecutive numbers, letters and symbols

3M Product	3M ID	Contents	UPC	Inner Unit Pack	Case Qty
3M™ ScotchCode™ Wire Marker Tape Refill Roll SDR-0	7000058254	0	10054007093692	10/box	50
3M™ ScotchCode™ Wire Marker Tape Refill Roll SDR-1	7000058255	1	10054007093708	10/box	50
3M™ ScotchCode™ Wire Marker Tape Refill Roll SDR-2	7000058256	2	10054007093715	10/box	50
3M™ ScotchCode™ Wire Marker Tape Refill Roll SDR-3	7000058257	3	10054007093722	10/box	50
3M™ ScotchCode™ Wire Marker Tape Refill Roll SDR-4	7000058258	4	10054007093739	10/box	50
3M™ ScotchCode™ Wire Marker Tape Refill Roll SDR-5	7000058259	5	10054007093746	10/box	50
3M™ ScotchCode™ Wire Marker Tape Refill Roll SDR-6	7000058260	6	10054007093753	10/box	50
3M™ ScotchCode™ Wire Marker Tape Refill Roll SDR-7	7000058261	7	00054007093763	10/box	50
3M™ ScotchCode™ Wire Marker Tape Refill Roll SDR-8	7000058262	8	10054007093777	10/box	50
3M™ ScotchCode™ Wire Marker Tape Refill Roll SDR-9	7000058263	9	10054007093784	10/box	50
3M™ ScotchCode™ Wire Marker Tape Refill Roll SDR 0-9	7000031760	Consecutive 0-9	00054007093688	10/box	50
3M™ ScotchCode™ Wire Marker Tape Refill Roll SDR 10-19	7000031761	Consecutive 10-19	00054007093794	10/box	50
3M™ ScotchCode™ Wire Marker Tape Refill Roll SDR 20-29	7000031762	Consecutive 20-29	00054007093800	10/box	50
3M™ ScotchCode™ Wire Marker Tape Refill Roll SDR 30-39	7000031763	Consecutive 30-39	00054007093817	10/box	50
3M™ ScotchCode™ Wire Marker Tape Refill Roll SDR 40-49	7000031764	Consecutive 40-49	00054007093824	10/box	50
3M™ ScotchCode™ Wire Marker Tape Refill Roll SDR 50-59	7000031765	Consecutive 50-59	10054007093838	10/box	50
3M™ ScotchCode™ Wire Marker Tape Refill Roll SDR 60-69	7100031378	Consecutive 60-69	00054007093848	10/box	50
3M™ ScotchCode™ Wire Marker Tape Refill Roll SDR 70-79	7100165053	Consecutive 70-79	00054007093855	10/box	50
3M™ ScotchCode™ Wire Marker Tape Refill Roll SDR 80-89	7100165054	Consecutive 80-89	00054007093862	10/box	50
3M™ ScotchCode™ Wire Marker Tape Refill Roll SDR 90-99	7010399757	Consecutive 90-99	00054007093879	10/box	50
3M™ ScotchCode™ Wire Marker Tape Refill Roll SDR-A	7000031516	A	10054007093883	10/box	50
3M™ ScotchCode™ Wire Marker Tape Refill Roll SDR-B	7000031517	B	10054007093890	10/box	50
3M™ ScotchCode™ Wire Marker Tape Refill Roll SDR-C	7000031518	C	10054007093906	10/box	50
3M™ ScotchCode™ Wire Marker Tape Refill Roll SDR-D	7000031519	D	10054007093913	10/box	50
3M™ ScotchCode™ Wire Marker Tape Refill Roll SDR-E	7000031520	E	10054007093920	10/box	50
3M™ ScotchCode™ Wire Marker Tape Refill Roll SDR-F	7000031521	F	10054007093937	10/box	50
3M™ ScotchCode™ Wire Marker Tape Refill Roll SDR-G	7000031522	G	10054007093944	10/box	50
3M™ ScotchCode™ Wire Marker Tape Refill Roll SDR-H	7000031523	H	10054007093951	10/box	50
3M™ ScotchCode™ Wire Marker Tape Refill Roll SDR-I	7000031524	I	10054007093968	10/box	50
3M™ ScotchCode™ Wire Marker Tape Refill Roll SDR-J	7000031525	J	10054007093975	10/box	50
3M™ ScotchCode™ Wire Marker Tape Refill Roll SDR-K	7000031526	K	10054007093982	10/box	50
3M™ ScotchCode™ Wire Marker Tape Refill Roll SDR-L	7000031527	L	00054007093992	10/box	50
3M™ ScotchCode™ Wire Marker Tape Refill Roll SDR-M	7000031528	M	00054007094036	10/box	50
3M™ ScotchCode™ Wire Marker Tape Refill Roll SDR-N	7000031529	N	00054007094050	10/box	50



3M™ ScotchCode™ Wire Marker Tape Refill Rolls (SDR)

Available in ten NEMA colors, individual numbers and consecutive numbers, letters and symbols

3M Product	3M ID	Contents	UPC	Inner Unit Pack	Case Qty
3M™ ScotchCode™ Wire Marker Tape Refill Roll SDR-O	7000031530	O	00054007094067	10/box	50
3M™ ScotchCode™ Wire Marker Tape Refill Roll SDR-P	7000031531	P	00054007094074	10/box	50
3M™ ScotchCode™ Wire Marker Tape Refill Roll SDR-Q	7000031532	Q	00054007094081	10/box	50
3M™ ScotchCode™ Wire Marker Tape Refill Roll SDR-R	7000031533	R	00054007094098	10/box	50
3M™ ScotchCode™ Wire Marker Tape Refill Roll SDR-S	7000031534	S	00054007094104	10/box	50
3M™ ScotchCode™ Wire Marker Tape Refill Roll SDR-T	7000031535	T	00054007094111	10/box	50
3M™ ScotchCode™ Wire Marker Tape Refill Roll SDR-U	7000031536	U	10054007094156	10/box	50
3M™ ScotchCode™ Wire Marker Tape Refill Roll SDR-V	7000031537	V	10054007094163	10/box	50
3M™ ScotchCode™ Wire Marker Tape Refill Roll SDR-W	7000031538	W	10054007094170	10/box	50
3M™ ScotchCode™ Wire Marker Tape Refill Roll SDR-X	7000031539	X	00054007094180	10/box	50
3M™ ScotchCode™ Wire Marker Tape Refill Roll SDR-Y	7000031540	Y	00054007094197	10/box	50
3M™ ScotchCode™ Wire Marker Tape Refill Roll SDR-Z	7000031541	Z	10054007094200	10/box	50
3M™ ScotchCode™ Wire Marker Tape Refill Roll SDR-L1	7000058264	L1	10054007094002	10/box	50
3M™ ScotchCode™ Wire Marker Tape Refill Roll SDR-L2	7000058265	L2	10054007094019	10/box	50
3M™ ScotchCode™ Wire Marker Tape Refill Roll SDR-L3	7000058266	L3	10054007094026	10/box	50
3M™ ScotchCode™ Wire Marker Tape Refill Roll SDR-T1	7000058267	T1	00054007094128	10/box	50
3M™ ScotchCode™ Wire Marker Tape Refill Roll SDR-T2	7000145520	T2	00054007094135	10/box	50
3M™ ScotchCode™ Wire Marker Tape Refill Roll SDR-T3	7000058268	T3	00054007094142	10/box	50
3M™ ScotchCode™ Tape Refill Roll SDR- + (Plus)	7000058269	+	10054007094217	10/box	50
3M™ ScotchCode™ Tape Refill Roll SDR- - (Minus)	7000058270	-	10054007094224	10/box	50
3M™ ScotchCode™ Wire Marker Tape Refill Roll SDR-BK	7000132530	Black	00054007094234	10/box	50
3M™ ScotchCode™ Wire Marker Tape Refill Roll SDR-BL	7000132531	Blue	10054007094248	10/box	50
3M™ ScotchCode™ Wire Marker Tape Refill Roll SDR-BN	7000132532	Brown	10054007094255	10/box	50
3M™ ScotchCode™ Wire Marker Tape Refill Roll SDR-GN	7000132533	Green	10054007094262	10/box	50
3M™ ScotchCode™ Wire Marker Tape Refill Roll SDR-GY	7100033542	Gray	00054007094272	10/box	50
3M™ ScotchCode™ Wire Marker Tape Refill Roll SDR-OR	7000132534	Orange	00054007094289	10/box	50
3M™ ScotchCode™ Wire Marker Tape Refill Roll SDR-RD	7100017358	Red	00054007094296	10/box	50
3M™ ScotchCode™ Wire Marker Tape Refill Roll SDR-VL	7100042492	Violet	00054007094586	10/box	50
3M™ ScotchCode™ Wire Marker Tape Refill Roll SDR-WH	7100033541	White	00054007094302	10/box	50
3M™ ScotchCode™ Wire Marker Tape Refill Roll SDR-YL	7000132536	Yellow	10054007094316	10/box	50
3M™ ScotchCode™ Wire Marker Tape Refill Rolls SDR-MC	7010351115	Multiple Colors	00054007094043	10/box	50



Connect

Low voltage wire and cables

- 3M™ Performance Plus™ Wire Connectors
- 3M™ Scotchlok™ Insulation Displacement Connectors
- 3M™ Direct Bury Splice Kits
- 3M™ Scotchlok™ and Highland™ Terminals



Protect

Low voltage wire and cables

- 3M™ Heat Shrink Tubing
- 3M™ Cold Shrink Tubing
- 3M™ Scotchcast™ Resin
- 3M™ Scotchkote™ Electrical Coating FD



Manage

Low voltage wire and cables

- 3M™ Cable Ties, Stackers, and Bases
- 3M™ Wire Lubricants
- 3M™ ScotchCode™ Wire Marking and Identification System



Secure

Critical electrical connections

- Scotch® Premium Vinyl Tapes
- 3M™ Temflex™ General Use Vinyl Tapes
- Scotch® Rubber Tapes
- Scotch® Mastic Tapes



3M Electrical Essentials

**Secure with
confidence**

**Scotch® Professional Grade Vinyl Electrical Tapes
are backed by more than 75 years of 3M science
and field-tested performance.**



Electrical Tape Quick Reference Guide

Still not sure which 3M™ Electrical Tape is right for your application?
Use this chart to compare the options or visit www.3M.com/electricaltape for more information.

Typical Values	 3M™ Temflex™ Tape 165	 3M™ Temflex™ Tape 175	 Scotch® Tape 35	 Scotch® Super 33+™ Tape	 Scotch® Tape Super 88	 Scotch® Tape 130C
Best For	Light to Medium Duty	Medium Duty	Medium to Heavy Duty	Medium to Heavy Duty	Heavy Duty	Medium to Heavy Duty
Target Applications	Temporary and/or non-critical marking, bundling, holding & secondary insulation	Semi-permanent bundling, holding & secondary insulation	Long lasting color identification & marking	Permanent, low-voltage primary & secondary insulation, cable jacketing, & mechanical protection	Permanent low-voltage primary & secondary insulation, cable jacketing, mechanical protection & padding	Permanent low- to high-voltage primary insulation, cable jacketing, moisture-sealing and padding
Application Environment	Moderate temperatures & conditions	Moderate temperatures & conditions	Harsh temperatures & moist or corrosive conditions	Extreme temperatures & moist or corrosive conditions	Extreme temperatures & moist, corrosive or rough conditions	Moderate temperatures (high overload up to 130°C) & moist, corrosive or rough conditions
Operating Temperature ¹	32 to 194°F (0 to 90°C)	19 to 194°F (-7 to 90°C)	14 to 221°F (-10 to 105°C)	0 to 221°F (-18 to 105°C)	0 to 221°F (-18 to 105°C)	up to 194°F (up to 90°C)
Thickness	6 mils (0,15mm)	7 mils (0,177mm)	7 mils (0,177mm)	7 mils (0,177mm)	8.5 mils (0,215mm)	30 mils (0,762mm)
Sticking Power ² (Adhesion to Steel)	18 oz/in	18 oz/in	16 oz/in	20 oz/in	18 oz/in	-
Stretch ² (Elongation)	200%	200%	125%	225%	225%	700%
Strength ² (Backing Strength)	13.2 lb/in	15.4 lb/in	15 lb/in	14 lb/in	18 lb/in	7.5 lb/in
Insulation ² (Dielectric Strength)	1000V/mil	1000V/mil	1000V/mil	1000V/mil	1000V/mil	750 V/mil
Color Details						

¹ Temperature range may vary by local agency standards.

² Based on ASTM D 1000. Not for specifications. Values are minimum. Properties measured at room temperature 73°F (23°C) unless otherwise stated.

The Electrical Tape

For critical everyday corrosive or tough industrial environments.



- Medium/Heavy Duty
- Protective Jacketing
- Low Voltage Insulation
- Cold & Sunlight Resistant
- Flame Retardant
- Black Only Tape

Scotch® Super 33+™

Professional Grade Vinyl Electrical Tape

For some of your most demanding electrical maintenance and repair jobs and reliable performance and quality, turn to Scotch® Super 33+™ Tape. Its unique combination of aggressive pressure-sensitive, rubber-resin adhesive and elastic PVC backing offers both moisture-tight electrical and mechanical protection. And its excellent strength, flexibility and ability to recover means it can stretch up to 225% without breaking.

Key Features:

- Stretch and flexibility to conform to odd shapes and create, tight seals for electrical connection
- Provides excellent insulation and adhesion in all weather conditions between 0°F and 221°F (-18°C and 105°C)
- Compatible with rubber and synthetic splicing compounds
- CSA and VDE Certified, UL 510 Listed, IEC 60454-3-1-7/F-PVCP/90 and RoHS 2015/863/EU Compliant

Key Applications:

- Excellent for critical applications
- For residential, light- and heavy commercial and industrial environments
- For harsh indoor, extreme & exposed outdoor uses
- Primary electrical insulation for all wire and cable splices rated up to 600 volts and 105°C (221°F)
- Primary electrical insulation for 600-volt bus applications, and protective jacketing for high- and low-voltage bus

The Electrical Tape

**For tough outdoor, high vibration
& abrasive applications.**



Scotch® Super 88

Heavy-Duty Grade Vinyl Electrical Tape

When you need to build a protective jacket and/or electrical insulation for splices and cables, choose Scotch® Tape Super 88. 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.

- 🌀 **Medium/Heavy Duty**
- 🌀 **Protective Jacketing**
- 🌀 **Low Voltage Insulation**
- 🌀 **Cold & Sunlight Resistant**
- 🌀 **Flame Retardant**
- 🌀 **Black Only Tape**

Key Features:

- Thicker backing for faster build-up/less wraps
- Hot and cold weather performance with operating temperatures between 0°F and 221°F (-18°C and 105°C)
- Compatible with solid dielectric cable insulations, as well as epoxy and polyurethane resins
- CSA and VDE Certified, UL 510 Listed, IEC 60454-3-1-7/F-PVCP/90 and RoHS 2015/863/EU Compliant

Key Applications:

- For harsh indoor, extreme, and exposed outdoor uses
- For heavy commercial and industrial environments
- Primary electrical insulation for all wire and cable splices rated up to 600 volts and 105°C (221°F)
- Primary electrical insulation for 600-volt bus applications, and protective jacketing for high and low-voltage bus
- Durable harnessing of wires and cables

The Electrical Tape

For long-lasting, fade-resistant marking & color-coding.



Scotch® 35

Professional Grade Vinyl Electrical Tape

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

-  **Medium/Heavy Duty**
-  **Phase ID**
-  **Marking & Labeling**
-  **Cold & Sunlight Resistant**
-  **Flame Retardant**
-  **Indoor & Protected Outdoor**

Key Features:

- For temperatures between 14°F to 221°F (-10°C and 105°C)
- Available in 10 fade-resistant colors: blue, brown, gray, green, orange, red, violet, white, yellow, and pink
- Scotch® 35 White Tape is rated as UL Sunlight Resistant
- CSA and VDE Certified, UL 510 Listed, IEC 60454-3-1-6/F-PVCP/90 and RoHS 2015/863/EU Compliant

Key Applications:

- For harsh indoor and weather protected outdoor uses
- For residential, commercial and industrial environments
- More permanent phase identification, color-coding of motor leads and piping systems
- Long-lasting marking for safety areas and equipment
- Easily identified insulation for electrical wiring
- Marking and identifying cables on cell sites

Available Colors



The Electrical Tape

For daily insulation,
harnessing & marking.



- Light to Medium Duty
- Cable Harness
- Protective Jacketing
- Low Voltage Insulation
- Flame Retardant
- Indoor & Protected Outdoor

3M™ Temflex™ 165

General Use Vinyl Electrical Tape

When you need a dependable, multi-purpose general purpose vinyl 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.

Key Features:

- More stretch and flexibility for better bundling and sealing
- Operates well in temperatures between 32°F to 194°F (0°C and 90°C)
- CSA and UL 510 Listed, EU Compliant
- European Certifications: VDE and IEC 60454-3-1-5/F-PVCP/90 and RoHS 2015/863

Key Applications:

- For moderate indoor and weather protected outdoor uses
- For residential, commercial and manufacturing (OEM) environments
- Color-coding for phase identification, wire marking and safety
- Electrical insulation for wire and cable splices rated up to 600 volts
- Harnessing and bundling of wires and cables
- Wire pulling and fishing

Available Colors



The Electrical Tape

For tough indoor or simple outdoor bundling & insulation.



3M™ Temflex™ 175

General Use Vinyl Electrical Tape

3M™ Temflex™ Tape 175 is a high performance, durable general purpose electrical tape. This tape solution offers value and reliable performance for protective jacketing, harnessing and insulating low voltage cables in indoor and protected outdoor applications.

- Medium/Heavy Duty
- Protective Jacketing
- Low Voltage Insulation
- Cold & Sunlight Resistant
- Flame Retardant
- Black Only Tape

Key Features:

- Better adhesion and stretch and thicker for more demanding general use applications
- Operates well in temperatures between 19°F to 194°F (-7°C and 90°C)
- CSA Certified, UL 510 Listed, IEC
- 60454-3-1-5/F-PVCP/90 and RoHS 2015/863/EU Compliant

Key Applications:

- For moderate indoor and weather-protected outdoor uses
- For residential and commercial environments
- Provides a protective jacket for high voltage cable splices and repairs
- Electrical insulation for wire and cable splices rated up to 600 volts
- Harnessing and bundling of wires and cables

The Electrical Tape

For excellent primary insulation & moisture protection through self-fusing technology.



Scotch® Linerless Rubber Splicing Tape 130C

Professional Grade Tape

- 🌀 **Medium/Heavy Duty**
- 🌀 **Protective Jacketing**
- 🌀 **Low Voltage Insulation**
- 🌀 **Cold & Sunlight Resistant**
- 🌀 **Flame Retardant**
- 🌀 **Black Only Tape**

Whether it's moisture sealing low voltage wires or cables carrying up to 69 kV, making a secure, weather-resistant connection is crucial. Choose Scotch® Linerless Rubber Splicing Tape 130C for insulating, splicing, and padding low to high voltage cables, especially in outdoor or underground applications. Reinforce your work for years of worry-free and maintenance-free service by adding rubber tapes.

Key Features:

- Highly conformable Ethylene Propylene Diene Monomer (EPDM) rubber
- Rated for 90°C continuous operating temperature and overload temperatures up to 130°C
- Compatible with common, solid dielectric cable insulation
- Self-fusing material provides immediate moisture seals and void-free build-ups
- Weather-resistant
- High thermal conductivity which provides excellent thermal dissipation of splice heat
- RoHS 2015/863/EU Compliant

Key Applications:

- For indoor and outdoor, heavy commercial and industrial environments
- Primary insulation for splicing all types of solid dielectric insulated cables through 69 kV
- Primary insulation for building stress cones on all types of solid dielectric insulated cables up to 35 kV bus bar insulation
- Jacketing (secondary insulation) on high voltage splices and terminations
- Padding, insulating and moisture-sealing electrical connections, bus bar and motor leads
- End-sealing high voltage cable

The Electrical Tape

For high electrical stress & challenging conditions.



Scotch® Rubber Splicing Tape 23

Professional Grade Tape

- Moisture Sealing
- Low Voltage Insulation
- Liner
- Self-Fusing
- Extreme Conditions
- Black Only Tape

Scotch® Tape 23 is a 30 mil, premium grade, highly conformable, rubber splicing tape. This thick, highly conformable, self-amalgamating EPR (Ethylene Propylene Rubber) based tape can be stretched up to 100% for void-free, moisture-resistant insulation. It's non-vulcanising and shelf-stable with excellent electrical properties.

Key Features:

- Self-fusing, ethylene propylene rubber backing and highly conformable, rubber-resin adhesive
- Temperature rated for continuous adhesion to 194°F (90°C)
- Special polyester liner keeps tape protected and clean during application
- ASTM Approved & RoHS 2002/65/EC Compliant

Key Applications:

- Insulate electrical connections up to 69 kV
- Seal out moisture from low- and medium-voltage connections
- For moisture sealing
- Insulate bus bars
- Insulate motor leads
- End seal high-voltage cables

The Electrical Tape

For excellent electrical insulation & moisture protection.



Scotch® Rubber Mastic Tape 2228

Professional Grade Mastic Tape

- Moisture Sealing
- Low Voltage Insulation
- Flexible and Conformable
- Extreme Conditions
- Padding
- Black Only Tape
- Indoor & Exposed Outdoor
- With Liner

The Scotch® Rubber Mastic Tape 2228 is a conformable self-fusing rubber mastic insulating and sealing tape. Scotch® Tape 2228 consists of an ethylene propylene rubber (EPR) backing coated with an aggressive, temperature-stable mastic adhesive.

Key Features:

- Conformable for application over irregular surfaces
- Compatible with solid dielectric cable insulations
- Self-fusing tape
- Flexible over wide temperature range
- Excellent weather and moisture resistance
- Excellent adhesion and sealing characteristics with copper, aluminum and power cable jacket materials
- Thick construction allows quick application build-up and padding over irregular connections
- UL510A listed

Key Applications:

- Insulate cable drops
- Splice cables in overhead cable trays
- Moisture seal in wet environments
- Splicing and sealing in outdoor areas

The Electrical Tape

For excellent electrical insulation
& moisture sealing.



3M™ Scotch-Seal™ Mastic Tape & Pads 2229

Professional Grade Mastic Tape

- Moisture Sealing
- Low Voltage Insulation
- Liner
- Self-Fusing
- Extreme Conditions
- Padding
- Black Only Tape
- Indoor & Outdoor

Conformable, durable, tacky mastic coated on an easy release liner, 3M™ Scotch-Seal™ Mastic Tape & Pads 2229 are quick and easy to install, pad or seal objects that need to be protected from adverse environmental conditions. It is a good choice for corrosion protection applications and is UV resistant.

Key Features:

- Excellent adhesion and sealing characteristics to metals, rubbers, synthetic cable insulations and jackets
- Stable over wide temperature range while maintaining its sealing properties
- Conformable and moldable for easy applications over irregular surfaces
- Resistant to cracking when subjected to repeated flexing
- Fully compatible with most cable jacketing materials
- Material exhibits self-healing characteristics after being punctured or cut
- Chemical resistance
- Exhibits very low cold-flow
- Retains its flexibility at low temperatures resulting in ease of application and continuous performance at reduced temperatures
- 3M™ Scotch-Seal™ Mastic Tape and Pads 2229 are thicker, 125 mil (3.18 mm) vs 2228 65 mils (1.65 mm) allowing even faster application build-up.

Key Applications:

- Moisture sealing for irregular shapes
- Moisture protection in outdoor areas
- Splicing in wet environments
- Moisture sealing for external splice connections

The Electrical Tape

For electrical insulation where clean re-entry is required & mechanical protection is critical.



Scotch® Varnished Cambric Tape 2510

Premium Grade Cambric Tape

Scotch® Varnished Cambric Tape 2510 is made from straight-cut woven cotton cambric fabric. The fabric is oil primed and coated with a high-grade yellow electrical insulating varnish. Varnished cambric tapes are flexible, electrically insulating and moisture resistant with a smooth finish.

 **Tear & Puncture Resistant**

 **Mechanical Protection**

 **Abrasion Resistant**

 **No Adhesive**

 **Clean Re-entry**

 **Low Voltage Insulation**

 **Yellow Tape Only**

 **Indoor Use**

Key Features:

- Excellent dielectric strength
- Electrical properties are stable up to 105°C
- High puncture and cut-through resistance
- Rated for Class A (105°C)
- Tough and durable backing provides excellent, tear, puncture, and cut-through resistance

Key Applications:

- When clean re-entry is required
- Splicing motor leads
- Puncture resistance for irregular shapes
- Insulating split-bolts
- For insulating joints requiring rapid and clean re-entry such as motor lead and service drop connections, heavy split-bolts in raceways and bus bar insulating
- Use in areas where mechanical protection and puncture resistance is critical

The Electrical Tape

For electrical insulation where mechanical protection & puncture resistance is critical.



Scotch® Varnished Cambric Tape 2520

Premium Grade Cambric Tape

🌀 **Tear & Puncture Resistant**

🌀 **Mechanical Protection**

🌀 **Abrasion Resistant**

🌀 **Adhesive**

🌀 **Indoor Use**

🌀 **Low Voltage Insulation**

🌀 **Yellow Tape Only**

🌀 **Extreme Conditions**

Providing excellent resistance to abrasion, puncture and cut-through, Scotch® Varnished Cambric Tape 2520 is made from straight-cut woven cotton cambric fabric. The fabric is oil primed and coated with a high-grade yellow electrical insulating varnish. Scotch varnished cambric tapes are flexible, electrically insulating and moisture resistant with a smooth finish.

Key Features:

- Excellent dielectric strength
- Electrical properties are stable up to 105°C
- Varnished cambric tapes are rated for Class A (105°C)
- Tough and durable backing provides excellent, tear, puncture, and cut-through resistance

Key Applications:

- When clean re-entry is required
- Splicing motor leads
- Puncture resistance for irregular shapes
- Insulating split-bolts
- For insulating joints requiring rapid and clean re-entry such as motor lead and service drop connections, heavy split-bolts in raceways and bus bar insulating

The Electrical Tape

For reliable coverage & protection for damaged cable jacket sections.



Scotch® Cable Jacket Repair Tape 2234

Professional Grade Tape

🌀 Protective Jacketing

🌀 Chemical & Environmental Protection

🌀 Self-Fusing

🌀 Moisture Sealing

🌀 Extreme Conditions

🌀 Indoor & Exposed Outdoor

🌀 Abrasion Resistant

🌀 Flame Retardant

A cost effective and efficient means of covering and protecting damaged sections of cable jacket, Scotch® Cable Jacket Repair Tape 2234 helps customers extend the life of their cables and helps them reduce costly downtime.

The outer layer of the tape is composed of vulcanized CSM rubber to provide outstanding chemical and environmental resistance. The inner layer is composed of flame-retardant mastic and acts as a moisture barrier which provides excellent adhesion to a variety of jacket materials.

Key Features:

- Insulates and protects damaged cable jackets
- Flame retardant
- Good adhesion to cable jacket materials
- Excellent abrasion resistance
- Ultra tough vulcanized CSM rubber
- Provide excellent adhesion to a variety of cable jacket materials
- Resistant to heat, oil, ozone, UV and other environmental effects
- Maintains flexibility to -22°F (-30°C)

Key Applications:

- Repairing minor scratches on cable jacket
- Moisture sealing for cable jackets
- Temporary repair of minor cuts to cable jackets
- Repair for external cable jackets

Top Recommendations for Your Toolbox

3M Product	3M Part Number	UPC	Roll Size	Color	MOQ	Case Qty.
Scotch® Super 33+ Vinyl Electrical Tape	33+-3/4x76FT-1	638060290354	3/4" x 76 FT	Black	100	100
Scotch® Vinyl Electrical Tape Super 88	88-3/4x66FT	54007061434	3/4" x 66 FT	Black	100	100
Scotch® Vinyl Color Coding Electrical Tape 35	35-3/4x66FT-BL	54007108368	3/4" x 66 FT	Blue	10	100
Scotch® Vinyl Color Coding Electrical Tape 35	35-1/2x20FT-BL	54007102403	1/2" x 20 FT	Blue	10	100
Scotch® Vinyl Color Coding Electrical Tape 35	35-3/4x66FT-BR	54007108856	3/4" x 66 FT	Brown	10	100
Scotch® Vinyl Color Coding Electrical Tape 35	35-1/2x20FT-BR	54007102991	1/2" x 20 FT	Brown	10	100
Scotch® Vinyl Color Coding Electrical Tape 35	35-3/4x66FT-GY	54007000723	3/4" x 66 FT	Gray	10	100
Scotch® Vinyl Color Coding Electrical Tape 35	35-1/2x20FT-GY	54007102816	1/2" x 20 FT	Gray	10	100
Scotch® Vinyl Color Coding Electrical Tape 35	35-3/4x66FT-GN	54007108511	3/4" x 66 FT	Green	10	100
Scotch® Vinyl Color Coding Electrical Tape 35	35-1/2x20FT-GN	54007102656	1/2" x 20 FT	Green	10	100
Scotch® Vinyl Color Coding Electrical Tape 35	35-3/4x66FT-OR	54007108696	3/4" x 66 FT	Orange	10	100
Scotch® Vinyl Color Coding Electrical Tape 35	35-1/2x20FT-OR	54007102731	1/2" x 20 FT	Orange	10	100
Scotch® Vinyl Color Coding Electrical Tape 35	35-3/4x66FT-RD	54007108108	3/4" x 66 FT	Red	10	100
Scotch® Vinyl Color Coding Electrical Tape 35	35-1/2x20FT-RD	54007102243	1/2" x 20 FT	Red	10	100
Scotch® Vinyl Color Coding Electrical Tape 35	35-3/4x66FT-VL	54007112716	3/4" x 66 FT	Violet	10	100
Scotch® Vinyl Color Coding Electrical Tape 35	35-1/2x20FT-VL	54007499237	1/2" x 20 FT	Violet	10	100
Scotch® Vinyl Color Coding Electrical Tape 35	35-3/4x66FT-WH	54007108283	3/4" x 66 FT	White	10	100
Scotch® Vinyl Color Coding Electrical Tape 35	35-1/2x20FT-WH	54007102328	1/2" x 20 FT	White	10	100
Scotch® Vinyl Color Coding Electrical Tape 35	35-3/4x66FT-YL	54007108443	3/4" x 66 FT	Yellow	10	100
Scotch® Vinyl Color Coding Electrical Tape 35	35-1/2x20FT-YL	54007102571	1/2" x 20 FT	Yellow	10	100
Scotch® Vinyl Color Coding Electrical Tape 35	35-3/4x66FT-PK	51128613337	3/4" x 66 FT	Pink	10	100
Scotch® Vinyl Color Coding Electrical Tape 35	35-1/2x20FT-MUL	54007905295	1/2" x 20 FT	Multi-Colors	50	50
Scotch® Linerless Rubber Splicing Tape 130C	130C-3/4x30FT	54007417170	3/4" x 30 FT	Black	24	24
Scotch® Linerless Rubber Splicing Tape 130C	130C-1.5x30FT	54007417538	1" x 30 FT	Black	12	12
Scotch® Linerless Rubber Splicing Tape 130C	130C-1x30FT	54007417187	1.5" x 30 FT	Black	24	24
Scotch® Linerless Rubber Splicing Tape 130C	130C-2x30FT	54007417545	2" x 30 FT	Black	12	12
3M™ Temflex™ Vinyl Electrical Tape 165	165BK4A	76308925680	3/4" x 60 FT	Black	100	100
3M™ Temflex™ Vinyl Electrical Tape 165	165BL4A	76308925697	3/4" x 60 FT	Blue	10	100
3M™ Temflex™ Vinyl Electrical Tape 165	165BR4A	76308925703	3/4" x 60 FT	Brown	10	100
3M™ Temflex™ Vinyl Electrical Tape 165	165GR4A	76308925710	3/4" x 60 FT	Green	10	100
3M™ Temflex™ Vinyl Electrical Tape 165	165GY4A	76308925727	3/4" x 60 FT	Grey	10	100
3M™ Temflex™ Vinyl Electrical Tape 165	165OR4A	76308925734	3/4" x 60 FT	Orange	10	100
3M™ Temflex™ Vinyl Electrical Tape 165	165PR4A	76308925741	3/4" x 60 FT	Purple	10	100
3M™ Temflex™ Vinyl Electrical Tape 165	165RD4A	76308925758	3/4" x 60 FT	Red	10	100
3M™ Temflex™ Vinyl Electrical Tape 165	165WH4A	76308925765	3/4" x 60 FT	White	10	100
3M™ Temflex™ Vinyl Electrical Tape 165	165YL4A	76308925772	3/4" x 60 FT	Yellow	10	100
M™ Temflex™ Vinyl Electrical Tape 175	175BK4A	76308926182	3/4" x 60 FT	Black	100	100



Critical projects & tougher environments



Outdoor or permanent marking & labeling



Daily insulation, holding, & temporary marking



For more information, visit [3M.com/electrical](https://www.3M.com/electrical), call **800-245-3573** or contact your local 3M Sales Representative.

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