

3M Science.
Applied to Life.™

3M™ Electrical

MRO Products



www.3M.ca/ElectricalTape | 1-800-3M HELPS

Table of Contents

3M™ Tapes	3
- Vinyl Electrical Tapes	3
- Corrosion Protection Tapes	3
- Insulating and Splicing Tapes	4
- Special Use Tapes	4
- Barricade Tapes	4
- Sealing and Insulating Tapes	5
3M™ Cold Shrink Products	6
3M™ Heat Shrink Products	7
3M™ Motor Lead Splice Kits	8
3M™ Resin Splice Kits	8
3M™ Direct Bury Splice Kits	9
3M™ Cable Ties	10
3M™ Wire Connectors	10
3M™ Terminals, Kits & Tools	12
3M™ Wire Marking & Identifying	13
3M™ Wire Pulling Lubricants	14
3M™ Aerosols	15

3M™ Electrical Must Haves



Super 33+™ Tape
Page 3



Scotch® 130C Linerless
Rubber Splicing Tape
Page 4



Heat Shrink
Page 7













Performance +
Wire Connectors
Page 11









STD 0-9 Wire Markers
Page 12




3M™ Tapes




Tape Selection Guide






Vinyl Electrical Tapes		Product Description/Applications	Thickness	Max. Temp.
Scotch® Super 33+™ Professional Grade Vinyl Electrical Tape 	Highly conformable, super stretchy in all weather applications; resists UV rays, abrasion, corrosion, alkalis and acids. Primary insulation for splices up to 600V. Protective jacketing.	7 mil	105°C 221°F	
Scotch® Heavy Duty Grade Vinyl Electrical Tape Super 88 	All weather; heavy duty, professional use, abrasion resistant, fast build up. Primary insulation for splices up to 600V. Protective jacketing.	8.5 mil	105°C 221°F	
Scotch® Professional Grade Color Coding Vinyl Electrical Tape 35 	Nine fade-resistant colors, super stretchy and conformable, excellent insulating properties. Resists abrasion, corrosion, alkalis and acid. Phase identification and marking. Harnessing.	7 mil	105°C 221°F	
Scotch® Extra Heavy Duty Grade Vinyl Electrical Tape 22 	Thicker for increased mechanical strength and abrasion resistance. Electrical insulating. Bus bar insulation. Cable jacket repair.	10 mil	80°C 176°F	
Scotch® Cable Jacket Repair Tape 2234 	Tough, black, abrasion and chemical resistant backing laminated to a moisture sealing mastic for jacket repair on industrial cables.	60 mil	105°C 221°F	
3M™ Temflex™ General Use Grade Vinyl Electrical 	Economical, flexible, general purpose tape. Protective jacketing. Harnessing. Bundling.	7 mil	80°C 176°F	
Corrosion Protection Tapes		Product Description/Applications	Thickness	Max. Temp.
3M™ Scotchrap™ Professional Grade Corrosion Protection Tapes 50 and 51 	All-weather performance and corrosion resistance. Resistant to impact and abrasions. Corrosion protection on pipes, conduits and fittings, etc.	50 is 10 mil 51 is 20 mil	80°C 176°F	
3M™ Scotchrap™ Professional Grade Pipe Primer 	Quick-dry, non-sag rubber base primer that prepares metal surfaces for tape application. For use with 3M Scotchrap tapes 50 and 51 and 3M™ Temflex™ Tape 1100.	N/A	80°C 176°F	
3M™ Temflex™ Economy Grade Corrosion Tape 1100 and 1100P 	General purpose corrosion resistant tape. Good abrasion resistance. Corrosion protection on conduits, fittings and joints, etc.	10 mil	80°C 176°F	
3M™ Temflex™ Economy Grade Corrosion Tape 1200 and 1200P 	General purpose corrosion resistant tape. Good abrasion resistance. Corrosion protection on conduits, fittings and joints, etc.	20 mil	80°C 176°F	

3M™ Tapes (continued)

Insulating and Splicing Tapes	Product Description/Applications	Thickness	Max. Temp.
Scotch® Professional Grade Linerless Rubber Splicing Tape 130C 	High voltage insulating; thermally conductive; self-bonding. Primary electrical insulation for splicing all solid dielectric cables through 69kV.	30 mil	continuous: 90°C / 194°F short-term: 130°C / 266°F
3M™ Temflex™ Lined Rubber Splicing Tape 2155 	Economical low voltage rubber insulating tape; self-fusing. Insulating wire splices, split bolt connections and motor leads up to 600V.	30 mil	80°C 176°F
Scotch® Professional Grade Silicone Rubber Tape 70 	Arc and track resistant; self fusing, long lasting silicone rubber. Protective overwrap for terminating high voltage cables against arcing and tracking.	12 mil	180°C 356°F
Scotch® Professional Grade Heavy Duty Triangular Silicone Rubber Tape 70HDT 	Arc and track resistant; self fusing, long lasting silicone rubber, triangular tapered edge profile and a blue guideline. Protective overwrap for terminating high voltage cables against arcing and tracking.	20 mil center, 8 mil edge	180°C 356°F
Scotch® Fire and Electric Arc Proof Tape 77 White 	Protects cable from arcs and fire until limiting devices can interrupt faulted circuit. Use on high-energy cables that are within 18" of other high energy cables. Easily visible, easy inspection.	30 mil	—
Scotch® Fire and Electric Arc Proof Tape 77 Black 	Protects cable from arc and fire until limiting devices can interrupt faulted circuit. Use on high-energy cables that are within 18" of other high energy cables.	30 mil	—

Special Use Tapes	Product Description/Applications	Thickness	Max. Temp.
Scotch® Thread Sealant and Lubricant Tape 48 	Pipe thread sealant that provides a leak proof seal. Helps prevent cross threading on pipe threads.	3 mil	260°C 500°F
Scotch® Glass Cloth Tape 27 and 69 	Woven insulating glass cloth; high temperature resistance; high mechanical strength. Heat-stable insulation for furnace and oven controls, motor leads and switches.	27 is 7 mil 69 is 7.5 mil	27 is Class B (130°C / 266°F) 69 is class H (180°C / 356°F)
3M™ Temflex™ Cotton Friction Tape 1755 	High grade friction tape. Good abrasion resistance. Abrasion protection for splices and connections. Wire bundling.	13 mil	80°C 176°F

Barricade Tapes	Product Description/Applications	Thickness	Max. Temp.
Scotch® Barricade Tape 300 Series 	Durable polyethylene plastic, bold 2" letters, long roll length, will not tear easily, attracts attention. Barricade applicable in both large and small areas. Available in various sizes, thicknesses and with different warning messages.	3 mil 4 mil	N/A
Scotch® Barricade Tape 400 Series 	Designed for accurately locating underground assets to help prevent damage to underground installations. Aluminum backing detectable with metal detector.	5 mil	N/A
Scotch® Repulpable Barricade Tapes 500 Series 	Reusable tape made of tightly-woven cotton fibers. For indoor applications.	10 mil	N/A

Sealing and Insulating Tapes	Product Description/Applications	Thickness	Max. Temp.
Scotch® Professional Grade Vinyl Mastic Sealing Tapes 2200, 2210, 06147, and 06149 	Excellent moisture sealant; tough vinyl backing; electrical insulating. Insulate moisture-seal and pad connections up to 600V.	2200 is 125 mil 2210 is 90 mil 6147 is 45 mil 6149 is 45 mil	80°C 176°F
Scotch® Professional Grade Rubber Mastic Sealing Tape 2228 	Self-fusing rubber based compound bonded to a moisture sealing mastic; all weather. Insulate, pad and seal bus bar and splice connections.	65 mil	90°C / 194°F emergency overload of 130°C / 266°F
3M™ Scotch-Seal™ Professional Grade Mastic Sealing Tape 2229 	Conformable and durable mastic. Excellent moisture and environmental seal. Sealing high voltage cables and accessories.	125 mil	80°C 176°F
Scotch® Cable Jacket Repair Tape 2234 	Tough, black, abrasion and chemical-resistant backing laminated to a moisture sealing mastic for jacket repair on industrial cables.	60 mil	105°C 221°F
3M Scotchfil® Electrical Insulation Putty 	Self-fusing, insulating putty in tape form. Smooths over irregular shapes and pads sharp edges.	125 mil	80°C 176°F

	Vinyl Tapes	Rubber Tapes	Mastic & Filler Putty Tapes	Varnished Cambric Tapes	Arc Proofing Tapes	Silicone Tapes	Glass Cloth Tapes	Jacket Repair Tapes
Protective Jacketing	▲				▲		▲	▲
Electrical Insulation	▲	▲	▲		▲	▲	▲	▲
Moisture Sealing		▲	▲			▲		▲
ID & Colour-coding	▲							
Harness & Bundling	▲							
Mechanical Padding		▲	▲			▲		▲
Shaping		▲	▲			▲		
Arc Proofing					▲			
Connection Re-entry				▲		▲		
High Temperature						▲	▲	

Taping Tips

Type of Tape	Number of Layers/ Application Instructions
Vinyl Electrical Tapes - Jacketing and Mechanical Protection	Always use a minimum of two half-lapped layers. The last layer should be wrapped in a more relaxed manner —let the last wrap relax to prevent the layer from flagging.
Rubber Tapes - Electrical Insulation, Mechanical Padding Water Sealing and Shaping	Wrap tape tightly to achieve the water tight seal. Rubber tapes are typically overwrapped with vinyl tape.
High Voltage Tapes - Insulating and Semi-conductive Layers	Apply outside of roll to cable, in highly stretched half-lapped layers. Never use a semi-conductive tape as insulation.
Mastic Compounds - Insulating, Mechanical Padding, Moisture Sealing and Shaping	Mastic compounds are to be overwrapped with vinyl tapes to initiate flow and watertight seal. Do not apply excessive amount of mastic to prevent oozing.



3M™ Cold Shrink Products

3M™ Splices 8420 Series

A quicker, simpler way to insulate in-line splices for electrical power cables. 3M™ Splices 8420 Series are designed using the unique cold shrink delivery system developed by 3M. They provide reliable long-term protection while saving you time on the job. Products are supplied pre-stretched on a removable core for efficiency and ease of installation. No power tools or heat source are required.

Tubing available to cover cables between 6AWG to 2000 Kcmil (approx.)



3M™ Splices 8420 Series

3M™ Cold Shrink End Caps EC Series



3M™ Cold Shrink End Caps EC-Series

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



3M Product Number	Cable O.D. Minimum
EC-1	0.46 in - 0.82 in (11,6 - 20,9 mm)
EC-2	0.63 in - 1.18 in (15,9 - 30,1 mm)
EC-3	1.02 in - 1.94 in (26,0 - 49,3 mm)
EC-4	1.79 in - 3.32 in (45,6 - 84,3 mm)

3M™ Heat Shrink Products



Thin (Single) Wall Tubing

- FP-301 General Purpose Tubing
- Wide Range of Sizes from 3/64 Inch – 4 Inches
- Packs of Assorted Colours
- Kits of Assorted Sizes
- Other Specialized Tubing Available Including:
 - Modified Polyvinylidene Fluoride MFP
 - Very Flexible Polyolefin SFTW
 - Modified Neoprene NST

Thin Dual Wall (Adhesive Lined) Tubing

- Environmental Protection Sleeves
- Variety of Shrink Ratios EPS200, EPS300 & EPS400
- Multiple Wall Polyolefin MW



Medium Wall Tubing

- Flame-Retardant Cable Sleeves MDT to 1kV
- Cable Sleeves IMCSN to 1kV
- Direct buried or submersible

Heavy (Thick) Wall Tubing

- MSHA Cable Sleeves ITCSF to 1kV
- Cable Sleeves ITCSN to 1kV
- Flame-Retardant Cable Sleeves HDT to 1kV
- Splice Kit UF for Type UF-B feeder cables
- Direct buried or submersible



3M™ Motor Lead Splice Kits

Pigtail Splicing for 1000 V (or less) & 5-8 kV Shielded and Non-Shielded Feeder Cables

3M™ Motor Lead Kits contain everything you need to quickly splice, seal and insulate copper lug connectors of motor lead and feeder cables. No special tools, torch or power source is needed. All splices are easily re-enterable for inspections and motor replacement.



3M™ Pigtail Splicing

Each kit contains:

- Three separately packaged splices with pre-formed, slip-on rubber boots
- Mastic sealing strips

SPLICING KITS 5300 TO 5304

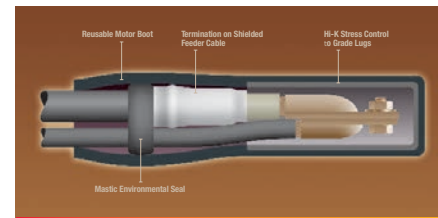
Voltage Rating: Up to 1000 V. Use with one-hole copper lugs

SPLICING KITS 5316 TO 5319

Voltage Rating: Up to 5/8 kV (Non-Shielded)
Use with one or two-hole copper lugs

3M™ Motor Lead Pigtail or V-Stub Splice 5380 Series for 5 and 8 kV Shielded and Non-Shielded Cables

Kits designed for splicing motor lead cables to incoming feeder cables and contain all the necessary materials to make 3 splices. Designed to be used with UL listed copper compression lugs (sold separately). High dielectric constant 9k stress control termination is used for the feeder cable's electrical stress and is removable and reusable.



3M™ Pigtail Splicing

SPLICING KITS 5321 TO 5324

Voltage Rating: Up to 8 kV (Shielded or Non-shielded)
Use with one or two-hole copper lugs

3M™ MOTOR LEAD PIGTAIL OR V-STUB SPLICE 5380

Voltage Rating: Up to 5/8 kV (Shielded and Non-Shielded)

Resin Splice Kits

3M™ Scotchcast™ Inline Resin Kit 82-A Series Selection

Product Number	UPC (054007-)	Maximum Cable O.D.	Maximum Connector O.D.	Conductor Size*	Inner Pack	Case Qty.
Nonshielded Dry Cable, 5 and 8 kV, Nonshielded Wet or Dry Cable, 5 and 8 kV, Single Conductor Cable to 1000 Volt, Multiple Conductor, to 1000 Volt, Cable						
82-A	25016	0.750" (19 mm)	0.406" (10 mm)	10 - 2 AWG (6 - 30 mm ²)	1/box	10
82-A1	25024	0.625" (16 mm)	0.406" (10 mm)	Up to 2 AWG (30 mm ²)	1/box	10
82-A2	25032	1.000" (25 mm)	0.625" (16 mm)	2 - 3/0 AWG (35 - 80 mm ²)	1/box	10
82-A3	25040	1.563" (40 mm)	1.000" (25 mm)	3/0 - 400 kcmil** (95 - 200 mm ²)	1/box	10

* **Important:** Use insulation jacket or connector O.D. for final ordering criteria.

** 500 kcmil when using a Scotchlok 10014 copper compression connector.

3M™ Direct Bury Splice Kits

3M™ DBR/Y-6 and DBO/B-6 Direct Bury Kits

3M™ Direct Bury products are underground electrical wire connectors that splice and effectively moisture seal two or more conductors for remote-control circuits in irrigation and landscape lighting systems.

Step 1 – Create a secure connection using the 3M™ Performance+ Wire Connector

Step 2 – Insert connection into the tube of grease until it snaps into place

Step 3 – Close the lid on the tube (the closed lid provides extra strain relief)

Connection Complete.

Each Kit Makes 2 Splices.

The large wire ranges of these two splices make them ideal in the irrigation and lighting market

DBR/Y-6 (Red&Yellow) and DBO/B-6 (Orange&Blue) are UL Listed File E102356 and CSA Certified File LR91920 for 600v direct bury and submersion applications.



3M™ Moisture Guard Connector

One step to Strip, Connect & Seal

Electrically connect two or three wire ends, insulate the connection, and provide a moisture resistant seal. Recommended for use with low energy underground circuit wires, sprinkler systems, landscape lighting or other moisture resistant applications. Accommodates 18-12 AWG wires on the outer ports and one fixture solenoid wire 20-18 AWG on the center port.




3M™ Cable Ties

- 6/6 Nylon
- Natural (indoor) or Black (indoor/outdoor, UV-Weather Resistant)
- 8 industry standard lengths: 4,6,8,11,15,24,36 and 48 inches
- Variety of strengths for light to heavy-duty jobs:



Miniature	Intermediate	Standard	Heavy-Duty	Extra Heavy-Duty
18 lbs	40 lbs	50 lbs	120 lbs	175 lbs

UL tested and suitable for use in air handling spaces in accordance with Section 300.22(C) and (D) of the National Electrical Code. 4 inch – 36* inch Cable ties are plenum rated.

36 inch and 48 inch ties are UL Listed 181B-C 

Also available: Mounting bases in a variety of sizes and configurations

3M™ Wire Connectors

3M™ Scotchlok™ Insulation Displacement Connectors (IDCs)

Choose from 36 different Scotchlok™ IDCs to meet a variety of uses, including fluorescent ballast installation and replacement, fixture and appliance wiring, automotive and marine wiring and control circuit wiring.

Features

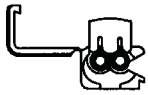
- Squeeze shut connector
- Crimp with slip-joint pliers
- Unique “U” contact, fully insulated
- No need to cut run wire
- No need to twist on

Benefits

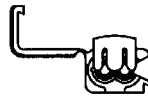
- No stripping or twisting
- No special tools required
- Provides dependable connections
- Faster installation, minimum clean up
- Easy on hands



Quick, snap in place for a reliable splice.



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



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



Contact grips conductor and holds with a firm, resilient pressure.



No stripping or twisting. Our unique “U” contact provides a dependable electrical connection.

Quick Connector Part Numbers

Electrical IDCs				Communication IDCs			
314	560	567	905N	U1B	UB2A	UP2	UR2-D
314U	560B	804	951	U1R	UB2-D	UP3	UY
316 IR	560N	804U	952	UAL	UG	UR	UY2
557	562	901	953	UB	ULG	UR2	UY2-D
558	564	905	972				

3M™ Performance + Connectors

Because of their increased wire range, just four “Performance +” Wire Connectors handle the work of eight standard connectors. O/B+ replaces the orange, blue, gray and yellow wire connectors. R/Y+ or T/R+ replace red, tan and yellow connectors. B/G+ covers both the large blue and gray connectors. This simplifies selection of the right connector for a wide range of wiring jobs.

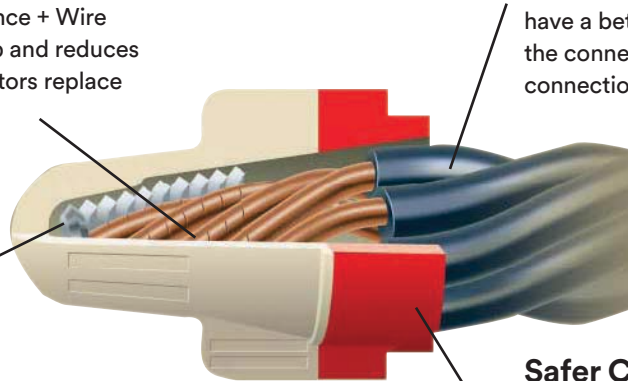
Connection Type: Wire
Connector Style: Twist On
Flame Retardant: Yes
Maximum Voltage Rating: 600 V
 (1000 V In signs, lighting fixtures and luminaries)
Maximum Operating Temperature:
 221° (105°C)
RoHS 2011/65/EU: No
Agency Approval:  

Reduce inventory

The versatility of 3M™ Performance + Wire Connectors saves time on the job and reduces inventory. Performance + Connectors replace 8 standard connectors.

Better Connection

3M™ Performance + Wire Connectors now have a better bite. Wires feed better into the connector improving the security of the connection and reduces chances of pull out.



Easier Installation

Modified internal design makes installation smooth, fast and easy on the hands.

Safer Connection

The flexible skirts on the 3M™ Performance + Wire Connectors make your customer’s workplace a safer environment. The flexible skirt provides protection against potential shock situations from overcut insulation.

3M™ Performance + Wire Connectors (T/R+, O/B+, R/Y+, B/G+)

Available in boxes, jugs and kegs

Features	Advantages	Benefit
Wires feed deeper	Reduces chances of pull out	Security
Wide wire ranges	Just 4 connectors replace 8	Saves time and cost effective
Flexible skirt	Covers overstripped wires	Safety
New internal design	Smoother and faster installation	Improves quality

Simplify selection of the right connector for a wide range of wiring jobs.

Combination	2#20	2#16	2#12	3#12	4#12	5#12	6#12	5#10
	2#18	2#14	4#14	6#14	3#10	2#8	4#10	
Wire Range Capabilities								

Performance + Wire Connectors have an increased wire range which means 4 connectors handle the job of 8 standard connectors.

3M™ Terminals, Kits and Tools

- Effective and reliable performance.
- Variety of types, sizes and materials that meet a broad application range, including the demands of temperature and weather.
- Design features assuring easy installation of 3M™ Products- positive and easy wire insertion, elimination of strand entry.



3M™ Scotchlok™ Terminals

Our premier line of terminals allow for various insulation types (such as heat shrink, nylon, vinyl, or non-insulated). Various barrel styles are available (such as butted, brazed, seamless, or interlocking barrel).

Available in bottle or bulk packaging format.

3M™ Highland™ Terminals

These terminals are either vinyl or nylon insulated with a butted seam. They come packaged in small quantities in reclosable plastic bags.

3M™ STK-1 Kit

Filled with 3M's best selling low voltage termination products.

Constructed of durable metal to protect the contents and with individual product compartments. Keep you organized.

Box size is 13-3/4"L x 10" W x 2-1/2"

Product	Quantity
3M™ Scotchlok™ Crimping Tool TH-440	1
3M™ ScotchCode™ Tape Dispenser STD-0-9	1
3M™ Cable Ties CT6NT40	100
3M™ Cable Ties CT8NT50	100
3M™ Highland Ring Tongue Terminal RV18-6	50
3M™ Highland Ring Tongue Terminal RV18-8	50
3M™ Highland Ring Tongue Terminal RV14-6	50
3M™ Highland Ring Tongue Terminal RV14-8	50
3M™ Highland Ring Tongue Terminal RV14-10	50
3M™ Highland Ring Tongue Terminal RV10-10	25
3M™ Highland Ring Fork Terminal RV14-8	50
3M™ Highland Ring Fork Terminal RV14-10	50
3M™ Highland Ring Fork Terminal RV18-8	50
3M™ Highland Ring Fork Terminal BFV18-6	50
3M™ Highland Butt Connectors BSV18	50
3M™ Highland Butt Connectors BSV14	50
3M™ Highland Butt Connectors BSV10	25



3M™ Wire Marking & Identifying

For marking wire and cable of all diameters, distribution panels, repair and replacement parts, wires and hoses in motorized vehicles, terminal strips, motor leads, sub-motors, sub-assembly leads, control panels and much more.

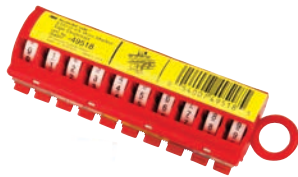
3M™ ScotchCode™ STD-TAG Dispenser

For permanent or temporary wire marking. The dispenser provides a handy platform to write on, allows easy printing of the tag with a permanent marking pen, and has a built in blade that quickly and neatly cuts the marker. The STD-TAG dispenser is refillable and designed to hold two cartridges of STD marking tags (two different sizes) as well as a ScotchCode SMP Permanent Marking Pen. The tags are available in two sizes, STD-101 and STD-102.



3M™ ScotchCode™ STD Tape Dispenser

Compact with 10 refillable compartments which hold 8 foot rolls of non-smear polyester tape in either pre-printed numbers or NEMA colours. Tape's high tack, acrylic adhesive resists solvents, oil and water and adheres firmly to insulation surfaces. An end loop hooks easily onto a belt or pouch. Dispenser can be ordered empty or filled.



3M™ ScotchCode™ Write-On Dispenser

Available in 3 different sizes, self-laminating, write-on marker dispensers. Easy to use, refillable and comes with a SMP permanent marking pen.



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

15 books containing printed vinyl coated cloth wire and terminal markers with a minimum of 450 marks (each book) of clearly printed letters, numbers and/or industry-standard legends. Books for alarm systems and load centres are also available. The cover of each SPB book lists the complete contents. A Post-It® notepad is included with each ScotchCode™ book.



3M™ ScotchCode™ SMP Marker Pens

Suggested for use with 3M™ ScotchCode™ write-on products. The pen is available in black and performs well on non-porous surfaces, has an extra-fine point with permanent quick drying ink, UV and water resistant.



3M™ Wire Pulling Lubricants

For Electrical & Communications

Non-Toxic & Non-flammable - Compatible with Most Cable Jackets

3M™ Wire Pulling Lubricant Gel

Temperature stable, thick, non-runny gel, colourless, non-staining, low coefficient of friction, low residue, UL Listed. Broadly compatible with wire and cable jackets



3M™ Spray Wire Pulling Lubricant

Clean, non-staining, high performance, thin liquid, easily applied by spraying or wiping, excellent cling and wetting properties for all cable types and difficult/complex cable pulls

3M™ Wire Pulling Lubricant Clear

3M™ WLC Clear Wire Pulling Lubricant (3M WLC) is a clear, colourless, slow-drying, easy-to-apply gel which is an excellent lubricant for everyday pulling of both electrical and communications cable. The clear formula makes this a great choice where cleanliness is a concern. 3M WLC has a low residue, less than 5% solids.



3M™ Wire Pulling Lubricant Wax

5.3% solid residue, heat stable at 194° F (90° Celcius) for 24 hours, 30 minutes immersed in water with minimal weight loss

3M™ Wire Pulling Wintergrade

Temperature stable, thick, non-runny gel, non-staining, low coefficient of friction, low residue. Broadly compatible with wire and cable jackets, 10-110° F temperature range



3M™ Wire Pulling Cable Loosener

Dissolves binding materials to free lodged cables, acts as both a dissolver and a lubricant, thick, pourable liquid.

3M™ Aerosols and Coatings

3M™ Scotchkote™ Electrical Coating 15 fl.oz. Can incl. Brush Cap

Fast drying sealant and bonding agent for joints wrapped with vinyl electrical tapes. Designed to improve weather resistance of tape splice joints especially those subjected to excessive amounts of oil.

- Self-Contained Applicator
- Flexible when dry
- Fast drying
- Suitable for direct bury, direct water immersion and above ground applications



3M™ Aerosols and Coatings

3M™ Smoke Detector Tester 3 fl.oz. Can

A clear, smokeless aerosol spray that provides a functional, safe test of residential and commercial smoke detectors.

- Ozone friendly
- CFC- free
- No dangerous vapours

For regular testing in:

- Schools
- Hospitals
- Nursing Homes
- Restaurants
- Motels/Hotels
- Homes
- Welding Shops
- Bakeries
- Print Shops
- Mills
- Pulp & Paper
- Mining Industries



Scotch™ Insulating Spray 1601(Clear) & 1602(Red) 16 fl.oz. Can

Electrical-grade fast drying insulating spray aerosol gets into hard to reach spots. Seal and Insulate surfaces against weather, moisture, corrosion, alkalis, and acids

Application possibilities include:

- As a sealant: Spray over wire and cable insulation splices as a general purpose sealer
- As an insulator: Touch up insulation on motor windings and frames



3M™ Contact Cleaner 16 fl.oz. Can

Clean contaminants like oils, varnish, asphalt, tar, smudge, and dirt from electrical equipment, transformers and generators. Spray to quickly penetrate lifting dirt and oil, then flush away with more spray.

- Easy to use aerosol
- Fast-drying
- Residue free
- High Density
- Lemon-based
- Water-repellent
- Non-toxic
- Non-corrosive
- Non-staining
- No dangerous vapours



Ideal for:

- Electrical connections
- Terminations
- Relay contacts and switches,
- Instrumentation and sensors
- Transformers
- Heavy metal parts
- Water repellent

Also effective for removal of gum, labels, tape residue and scuff marks

3M™ Zinc Spray 16 fl. Oz Can

97% Pure Zinc Aerosol Spray to inhibit rust and corrosion of metal surfaces. Comparable to hot dip galvanizing. Apply directly to clean dry metal or galvanized surfaces.

- CFC Free
- Halogen Free
- Non-Corrosive
- Controlled Drying

Use on* electrical generation, transmission and distribution equipment including towers, transformers, light standards and other metal and galvanized surfaces.

*Do not use on energized equipment



Full Product Catalogues Available:

- Heat Trace
- Terminals

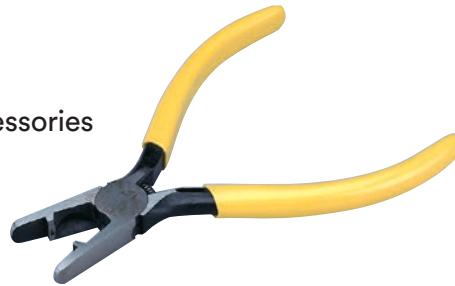
Additional Guides Available as PDFs:

- Wind Farm Operations and Maintenance
- Heat Shrink Selection Guide
- Irrigation Solutions
- Mining Solutions
- Barricade Tapes
- Separate Connectors



Also available:

3M™ Scotchlok™ Crimping Tools and Accessories



3M Electrical Contact Information:

1-800-3M HELPS

www.3M.ca/ElectricalTape

IMPORTANT NOTICE

All statements, technical information and recommendations related to the Seller's products are based on information believed to be reliable, but the accuracy or completeness thereof is not guaranteed. Before utilizing the product, the user should determine the suitability of the product for its intended use. The user assumes all risks and liability whatsoever in connection with such use.

Any statements or recommendations of the Seller which are not contained in the Seller's current publications shall have no force or effect unless contained in an agreement signed by an authorized officer of the Seller. The statements contained herein are made in lieu of all warranties, expressed or implied, including but not limited to the implied warranties of merchantability and fitness for a particular purpose which warranties are hereby expressly disclaimed.

SELLER SHALL NOT BE LIABLE TO THE USER OR ANY OTHER PERSON UNDER ANY LEGAL THEORY, INCLUDING BUT NOT LIMITED TO NEGLIGENCE OR STRICT LIABILITY, FOR ANY INJURY OR FOR ANY DIRECT, INDIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES SUSTAINED OR INCURRED BY REASON OF THE USE OF ANY OF THE SELLER'S PRODUCTS.



Electrical Markets Division
3M Canada Company
P.O. Box 5757
London, Ontario N6A 4T1
Canada
1800-265-1840
www.3M.ca/ElectricalTape

3M and 3M Science. Applied to Life., Scotch, Scotchcast, ScotchCode, Scotchkote, Scotchlok, Scotchrap, Scotchfil, Super 33+, Post-it, Highland and Temflex are trademarks of 3M.
Used under license in Canada. Please recycle. Printed in Canada.
© 2016, 3M. All rights reserved. 1604-05304E