



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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3M

Tapes

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How to Search this Catalog

This digital catalog provides you with two quick ways to find the products and information you're looking for. Just point and click on the bookmarks to the left or the labeled sections of the table of contents. You can also use the "search" function built into Adobe Acrobat to jump directly to any text reference in this document.

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3M Solutions Tool

The solutions tool is designed to show you the breadth of the 3M product line and allow you to drill into specific categories to identify solutions. To use this free Internet support tool, visit: <http://www.3M.com/Telecom>.

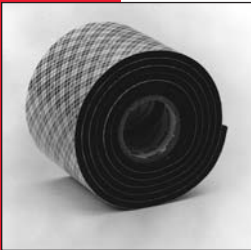
INSULATING AND SPLICING TAPES



3M™ E-Z Wrap Elastic Vinyl Tape 2183

PKG. (LBS.): 12 EACH (8.00) MIN. ORDER: 12 EACH UPC: 054007-37831

E-Z wrap tape is a tough, thin elastic vinyl material which sticks to itself when wrapped in layers. It forms a compact, durable, flexible, moisture-proof covering. Protects wire groups, splice bundles and pulp and paper insulated wire. Recommended for foam sealed, and better buried compound compression closures.



Scotch® Foam Collar Tape 26-FC

51 mm x 1.01 m (2" x 40')
PKG. (LBS.): 4 ROLLS (1.75) MIN. ORDER: 4 ROLLS UPC: 054007-63835

An open-cell (similar to foam rubber), black construction collar with pressure-sensitive adhesive (slight tack) on both sides. Excellent co-adhesion properties and compatibility with encapsulating compounds. For all enclosure collar applications.



Scotch® Linerless Rubber Splicing Tape 130C

25.4 mm x 3 m (1" x 10')
PRODUCT NUMBER: **130C-1X10** PKG. (LBS.): 24 ROLLS (5.45) MIN. ORDER: 24 ROLLS UPC: 054007-41751

25.4 mm x 4.5 m (1" x 15')
PRODUCT NUMBER: **130C-1X15** PKG. (LBS.): 24 ROLLS (15.00) MIN. ORDER: 24 ROLLS UPC: 054007-41752

25.4 mm x 9.1 m (1" x 30')
PRODUCT NUMBER: **130C-1X30** PKG. (LBS.): 24 ROLLS (14.90) MIN. ORDER: 24 ROLLS UPC: 054007-41753

37.7 mm x 9.1 m (1-1/2" x 30')
PRODUCT NUMBER: **130C-1.5X30** PKG. (LBS.): 12 ROLLS (11.15) MIN. ORDER: 12 ROLLS UPC: 054007-41718

50.8 mm x 9.1 m (2" x 30')
PRODUCT NUMBER: **130C-2X30** PKG. (LBS.): 12 ROLLS (14.40) MIN. ORDER: 12 ROLLS UPC: 054007-41754

19 mm x 9.1 m (3/4" x 30')
PRODUCT NUMBER: **130C-0.75X30** PKG. (LBS.): 24 ROLLS (11.95) MIN. ORDER: 24 ROLLS UPC: 054007-41717

This rubber tape is highly conformable and is ideal for a number of applications where its sealing properties are required. These include sealing collars, closure sealing, drop wire splice insulating, sheath build-up and constructing auxiliary sleeves. Unlike many rubber tapes, 130C tape is linerless which can make it easier and quicker to use. It provides a void-free, permanent seal every time.



PRODUCT REFERRAL GENERATOR

Foam Sealed Closures pg. 58
2178 Closure pg. 230

MASTIC SEALING TAPES

Scotch® Vinyl Mastic Tape VM

38.1 mm x 6.1 m (1-1/2" x 20')
PRODUCT NUMBER: **VM-1.5X20** PKG. (LBS.): 10 ROLLS (6.00) MIN. ORDER: 10 ROLLS UPC: 054007-27575

101.6 mm x 3.1 m (4" x 10')
PRODUCT NUMBER: **VM-4X10** PKG. (LBS.): 10 ROLLS (11.40) MIN. ORDER: 10 ROLLS UPC: 054007-27576

152 mm x 3.1m (6" x 10')
PRODUCT NUMBER: **VM-6X10** PKG. (LBS.): 1 ROLL (2.00) MIN. ORDER: 1 ROLL UPC: 054007-27577

559 mm x 13.5 m (22" x 10')
PRODUCT NUMBER: **VM-22X10** PKG. (LBS.): 1 ROLL (6.90) MIN. ORDER: 1 ROLL UPC: 054007-27578

VM tape seals out moisture and protects against corrosion without the need for heating tools. Two tapes in one (vinyl and mastic) VM tape is especially designed for cable sheath repair, splice case and load coil case protection, auxiliary sleeve and cable reel end sealing, drop wire insulating, conduit repair and protection of CATV components plus many other general taping applications. VM tape is a rubber based mastic laminated to an all weather 0.18 mm (7 mil) vinyl, which provides double duty protection in one wrap. Four sizes to meet nearly all applications are available.

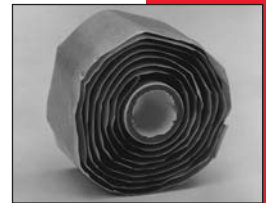


Scotch® Sealing Tape 2900-R and 2900-R3

38.1 mm x 1.52 m (1-1/2" x 5')
PRODUCT NUMBER: **2900-R** PKG. (LBS.): 50 ROLLS (31.90) MIN. ORDER: 50 ROLLS UPC: 054007-68546

76.2 mm x 1.52 m (3" x 5')
PRODUCT NUMBER: **2900-R3** PKG. (LBS.): 40 EACH (46.34) MIN. ORDER: 40 EACH UPC: 054007-57228

A non-conductive gray mastic tape with good compression qualities is resistant to solvents and maintains its form in temperatures in excess of 140° C. It can be substituted for B sealant tape.



3M™ Re-enterable Mastic Sealing Tape 2178-125

38.1 mm x 1.1 m (1-1/2" x 45")
PKG. (LBS.): 8 EACH (5.00) MIN. ORDER: 8 EACH UPC: 054007-91019

An accessory to the 3M™ Splice Closure 2178, this tape is a non-conductive black mastic that provides excellent sealing properties and does not degrade with gasoline or encapsulating compounds.



3M™ Mastic Sealing Cord 2178-281

8.7 mm x 1.85 m (1/3" x 6')
PKG.: 14 EACH MIN. ORDER: 14 EACH UPC: 051138-57614

An accessory to the 2178 series closure.



MASTIC SEALING TAPES

Scotch® Rubber Mastic Tape 2228

50.8 m x 3 m (2" x 10')
PKG. (LBS.): 10 ROLLS (9.10) MIN. ORDER: 10 ROLLS UPC: 054007-09656

2228 tape is a conformable self-fusing rubber electrical insulating and sealing tape. 2228 tape consists of ethylene propylene rubber (EPR) backing coated with an strong, temperature-stable mastic adhesive.

VINYL ELECTRICAL TAPES

3M™ Tartan™ Vinyl Electrical Tape 1700

19 mm x 18.2 m (3/4" x 60')
PKG. (LBS.): 100 ROLLS (19.20) MIN. ORDER: 100 ROLLS UPC: 054007-69764

1700 tape, a flame retardant, general purpose insulating tape with excellent resistance to a wide variety of contaminants and weather conditions. UL Listed and CSA Certified.

Scotch® Vinyl Electrical Tape Super 33+

19 mm x 20.7 m (3/4" x 66')
PRODUCT NUMBER: 33+ PKG. (LBS.): 100 ROLLS (25.35) MIN. ORDER: 100 ROLLS UPC: 054007-06132

Stickier, stretchier and highly conformable, Super 33+ tape is a premium-grade, 7 mil (0.18 mm) tape that applies well at -18°C (0°F) and has an operating range up to 105°C (220°F). Meets requirements of ASTM D-3005 Type i, UL 510, HHI-595C and CSA C22.2.

Scotch® Vinyl Electrical Tape 35

Identify a cable pressure dam or meet specific color needs with 35 tape in the color of your choice: (blue, orange, green, brown, gray, white, red, yellow, violet). 35 tape, 0.18 mm (7 mil), vinyl plastic electrical tape holds firmly, yet has excellent stretch and conformability.

ORDERING INFORMATION

VINYL ELECTRICAL TAPE 35

PRODUCT NUMBER	DESCRIPTION	SIZE	PKG. (LBS.)	MIN. ORDER	UPC 054007-
35-RD20	Red	12.8 mm x 6 m (1/2" x 20')	100 rolls (5.15)	10 rolls	10224
35-WH20	White	12.8 mm x 6 m (1/2" x 20')	100 rolls (5.30)	10 rolls	10232
35-BL20	Blue	12.8 mm x 6 m (1/2" x 20')	100 rolls (5.30)	10 rolls	10240
35-YL20	Yellow	12.8 mm x 6 m (1/2" x 20')	100 rolls (5.35)	10 rolls	10257
35-GN20	Green	12.8 mm x 6 m (1/2" x 20')	100 rolls (5.25)	10 rolls	10265
35-OR20	Orange	12.8 mm x 6 m (1/2" x 20')	100 rolls (5.30)	10 rolls	10273
35-GY20	Gray	12.8 mm x 6 m (1/2" x 20')	100 rolls (5.35)	10 rolls	10281
35-BN20	Brown	12.8 mm x 6 m (1/2" x 20')	100 rolls (5.35)	10 rolls	10299
35-VL20	Violet	12.8 mm x 6 m (1/2" x 20')	100 rolls (5.15)	10 rolls	49923
35-RD66	Red	19 mm x 20 m (3/4" x 66')	100 rolls (25.15)	10 rolls	10810
35-WH66	White	19 mm x 20 m (3/4" x 66')	100 rolls (26.20)	10 rolls	10828
35-BL66	Blue	19 mm x 20 m (3/4" x 66')	100 rolls (24.85)	10 rolls	10836
35-YL66	Yellow	19 mm x 20 m (3/4" x 66')	100 rolls (25.00)	10 rolls	10844
35-GN66	Green	19 mm x 20 m (3/4" x 66')	100 rolls (25.00)	10 rolls	10851
35-OR66	Orange	19 mm x 20 m (3/4" x 66')	100 rolls (25.55)	10 rolls	10869
35-GY66	Gray	19 mm x 20 m (3/4" x 66')	100 rolls (26.10)	10 rolls	00072
35-BN66	Brown	19 mm x 20 m (3/4" x 66')	100 rolls (25.50)	10 rolls	10885
35-VL66	Violet	19 mm x 20 m (3/4" x 66')	100 rolls (25.65)	10 rolls	11271

VINYL ELECTRICAL TAPES

3M™ Duct Tape 3939

48 mm x 54.8 m (2" x 60 yds.)
PKG. (LBS.): 24 ROLLS (36.15) MIN. ORDER: 24 ROLLS UPC: 051131-06975

A polyethylene coated cloth tape to be used for moisture proofing, duct sealing, protecting and general purpose.



Scotch® Vinyl Electrical Tape Super 88

50.8 mm x 32.9 m (2" x 36 yds.)
PRODUCT NUMBER: 88-2X36 PKG. (LBS.): 12 ROLLS (13.95) MIN. ORDER: 12 ROLLS UPC: 054007-10356

Super 88 tape is a 8.5 mil heavy duty, premium grade all-weather vinyl electrical insulating tape.



3M™ Scotchkote™ Electrical Coating

444 cc (15 oz.) can
PRODUCT NUMBER: SCOTCHKOTE PKG. (LBS.): 10 CANS (11.30) MIN. ORDER: 10 CANS UPC: 054007-14853

Scotchkote electrical coating provides vinyl tapes with an extra oil, moisture and corrosion proof layer of flexible coating for problem areas. A fast drying sealant and bonding compound. The coating is provided in a brush top can.



ALL WEATHER PROTECTION TAPES

3M™ Scotchrap™ All Weather Corrosion Protection Tape 50

25 mm x 30 m (1" x 100')

PRODUCT NUMBER: **50-1X100** PKG. (LBS.): 10 ROLLS (6.55) MIN. ORDER: 10 ROLLS UPC: 054007-11149

51 mm x 30 m (2" x 100')

PRODUCT NUMBER: **50-2X100** PKG. (LBS.): 10 ROLLS (13.10) MIN. ORDER: 10 ROLLS UPC: 054007-11156

50.8 mm x 9.1 m (2" x 360")

PRODUCT NUMBER: **50-2X360** PKG. (LBS.): 36 ROLLS (9.35) MIN. ORDER: 36 ROLLS UPC: 021200-01683

50 tape is used for outdoor corrosion applications. Tough PVC tape with high-tack adhesives that resist corrosion of metal piping systems above and below ground.

Scotch® All Weather Telephone Vinyl Plastic Tape 88T

19 mm x 11 m (3/4" x 36')

PRODUCT NUMBER: **88T-0.75X36** PKG. (LBS.): 180 ROLLS (25.60) MIN. ORDER: 180 ROLLS UPC: 051138-70878

19 mm x 18 m (3/4" x 60')

PRODUCT NUMBER: **88T-0.75X60** PKG. (LBS.): 100 ROLLS (25.00) MIN. ORDER: 100 ROLLS UPC: 051138-58517

25 mm x 11 m (1" x 36')

PRODUCT NUMBER: **88T-1X36** PKG. (LBS.): 144 ROLLS (27.25) MIN. ORDER: 144 ROLLS UPC: 051138-70879

38 mm x 13.5 m (1-1/2" x 44')

PRODUCT NUMBER: **88T-1.5X44** PKG. (LBS.): 90 ROLLS (30.80) MIN. ORDER: 90 ROLLS UPC: 051138-58516

Taping end caps, wrapping for abrasion protection or temporarily securing —this tape will suit your needs for inside or outside plant applications as the handiest tool in your kit. The special formula adhesive and extra-tough backing offer you superior adhesion and excellent conformability over extended temperature ranges, thus reducing your inventory needs to one vinyl tape.

Available in craftsman size rolls to fit your specific in-the-field use, this 0.22 mm (8-1/2 mil) tape releases smoothly from the roll in zero weather and will not ooze adhesive in hot climates. The 38 mm x 13.5 m (1-1/2" x 44') roll is especially suited as the splicer's roll, for outside plant usage.

88T tape resists: water, acids, alkalies, and is flame retardant. It is weather resistant and not affected by sunlight.

3M™ Scotchfil™ Electrical Insulation Putty

38 mm x 1.524 m (1-1/2" x 60")

PRODUCT NUMBER: **SCOTCHFIL** PKG. (LBS.): 12 ROLLS (6.60) MIN. ORDER: 12 ROLLS UPC: 054007-41750

Especially formulated to fill voids and irregular surfaces. Scotchfil putty's 38 mm (1-1/2") width, 3.2 mm (0.125") thickness allows you to make the build-up quickly and easily. Will not soften or dry out. Fuses into a homogeneous mass and is compatible with all cable insulations.



SCOTCH® SPECIALTY TAPES

Glass Cloth Electrical Tape 27

19 mm x 32.9 m (3/4" x 36 yds.)
PRODUCT NUMBER: **27-0.75X36** PKG. (LBS.): 48 ROLLS (18.00) MIN. ORDER: 48 ROLLS UPC: 054007-27481

25 mm x 32.9 m (1" x 36 yds.)
PRODUCT NUMBER: **27-1X36** PKG. (LBS.): 48 ROLLS (19.67) MIN. ORDER: 48 ROLLS UPC: 054007-27476

50 mm x 54.8 m (2" x 60 yds.)
PRODUCT NUMBER: **27-2X60** PKG. (LBS.): 20 ROLLS (28.20) MIN. ORDER: 20 ROLLS UPC: 054007-27479

27 tape is used for high strength repair requirements. Whenever temperature or strength is especially important in taping—27 tape provides a stable, rugged binding. Extremely high tensile strength and thermosetting adhesive afford long lasting dependability. Glass cloth backing will not shrink, rot or burn.



Aluminum Foil-Backed Tape 49

51 mm x 6 m (2" x 20')
PRODUCT NUMBER: **49-2X20** PKG. (LBS.): 50 ROLLS (12.50) MIN. ORDER: 50 ROLLS UPC: 054007-27483

102 mm x 6 m (4" x 20')
PRODUCT NUMBER: **49-4X20** PKG. (LBS.): 50 ROLLS (23.30) MIN. ORDER: 50 ROLLS UPC: 054007-27484

49 tape is used for EMI and moisture protection and provides an effective moisture barrier on communications cable splices. It also acts as a splicing shield to reduce cross talk and high frequency radiation. Aluminum foil with adhesive, in tape form, makes 49 tape usable for many applications.



Glass Cloth Electrical Tape 69

25.4 mm x 22.86 m (1" x 25 yds.)
PKG. (LBS.): 45 ROLLS (14.40) MIN. ORDER: 45 ROLLS UPC: 051138-49863

69 tape is used for high temperature and high strength requirements. The 69 tape is a 7.5 mil (0.19 mm) tape with thermosetting silicone adhesive that performs at temperatures of up to 185°C (366°F). Can be used in heat shrink applications. Meets requirements of MIL-1-79766C and has UL recognized component listing for 200°C (392°C).



Fire-Retardant Electric Arc Proofing Tape 77

38.1 mm x 6 m (1-1/2" x 20')
PRODUCT NUMBER: **77-1.5X20** PKG. (LBS.): 10 ROLLS (7.00) MIN. ORDER: 10 ROLLS UPC: 054007-42007

76.2 mm x 6 m (3" x 20')
PRODUCT NUMBER: **77-3X20** PKG. (LBS.): 10 ROLLS (13.20) MIN. ORDER: 10 ROLLS UPC: 054007-42006

77 tape is used for fire and arc protection of cable sheath material. The formulation of 77 tape allows the manufacturing of an unsupported elastomer that expands in fire to provide a thick insulating firewall between the cable and fire. It is thin, flexible and conforming, wrapping easily around irregularly-shaped accessories. It is self extinguishing and arc resistant.



3M™ SPECIALTY TAPES



Cloth Tape P-4

1" x 30' on 1" core
PKG. (LBS.): 50 ROLLS (10.35) MIN. ORDER: 10 ROLLS UPC: 054007-25743

P-4 tape is used for restriction for cable blocking.



Anti-Static Tape 40

w/logo, 12.7 mm x 32.9 m (1/2" x 36 yds.)
PRODUCT NUMBER: **40-0.5X36/LO** PKG. (LBS.): 90 ROLLS (8.20) MIN. ORDER: 18 ROLLS UPC: 051138-46504

Clear, 12.7 mm x 65.8 m (1/2" x 72 yds.)
PRODUCT NUMBER: **40-0.5X72/CL** PKG. (LBS.): 18 ROLLS MIN. ORDER: 18 ROLLS UPC: 051138-47782

w/logo, 12.7 mm x 65.8 m (1/2" x 72 yds.)
PRODUCT NUMBER: **40-0.5X72/LO** PKG. (LBS.): 18 ROLLS (10.00) MIN. ORDER: 18 ROLLS UPC: 051138-47774

Clear, 6.3 mm x 65.8 m (1/4" x 72 yds.)
PRODUCT NUMBER: **40-0.25X72/CL** PKG. (LBS.): 36 ROLLS (3.20) MIN. ORDER: 36 ROLLS UPC: 051138-47784

w/logo, 6.3 mm x 65.8 m (1/4" x 72 yds.)
PRODUCT NUMBER: **40-0.25X72/LO** PKG. (LBS.): 36 ROLLS (10.00) MIN. ORDER: 36 ROLLS UPC: 051138-47773

w/logo, 19 mm x 32.9 m (3/4" x 36 yds.)
PRODUCT NUMBER: **40-0.75X36/LO** PKG. (LBS.): 60 ROLLS (11.80) MIN. ORDER: 12 ROLLS UPC: 051138-46505

Clear, 19 mm x 65.8 m (3/4" x 72 yds.)
PRODUCT NUMBER: **40-0.75X72/CL** PKG. (LBS.): 12 ROLLS (3.40) MIN. ORDER: 12 ROLLS UPC: 051138-47783

w/logo, 19 mm x 65.8 m (3/4" x 72 yds.)
PRODUCT NUMBER: **40-0.75X72/LO** PKG. (LBS.): 12 ROLLS (10.00) MIN. ORDER: 12 ROLLS UPC: 051138-47778

Clear, 19 mm x 65.8 m (1" x 72 yds.)
PRODUCT NUMBER: **40-1X72/CL** PKG. (LBS.): 9 ROLLS (3.33) MIN. ORDER: 9 ROLLS UPC: 051138-47781

w/logo, 19 mm x 65.8 m (1" x 72 yds.)
PRODUCT NUMBER: **40-1X72/LO** PKG. (LBS.): 9 ROLLS (3.22) MIN. ORDER: 9 ROLLS UPC: 051138-47775

40 tape has a 1 mil (0.025 mm) transparent polyester film backing with a patented anti-static acrylic pressure sensitive adhesive. The backing is printed with the 3M logo and the ESD Association's protective symbol. The tape is designed as a low triboelectric charging tape when removed from the roll and when removed from a wide range of substrates.

SCOTCH® FILAMENT TAPES

Filament Tape 898

24 mm x 55 m (1" x 60 yds., bulk)
PRODUCT NUMBER: 898-24X PKG. (LBS.): 36 ROLLS (22.00) MIN. ORDER: 36 ROLLS UPC: 051131-06898

12 mm x 55 m (1/2" x 36 yds., bulk)
PRODUCT NUMBER: 898-12X PKG. (LBS.): 72 ROLLS (22.00) MIN. ORDER: 72 ROLLS UPC: 051131-06896

18 mm x 55 m (3/4" x 60 yds., bulk)
PRODUCT NUMBER: 898-18X PKG. (LBS.): 48 ROLLS (22.00) MIN. ORDER: 48 ROLLS UPC: 051131-06897

High performance. Polypropylene backing reinforced with continuous glass yarn. Stain-resistant adhesive. Typical 380 lb./in. width tensile strength with high shear adhesive for low unit cost, heavy-duty closure, reinforcing and holding.

Box Sealing Tape Dispenser H-183

PKG. (LBS.): 5 EACH (7.00) MIN. ORDER: 5 EACH UPC: 021200-61850

This hand-held, portable dispenser features an adjustable tape brake allowing the operator to choose comfortable tape tension and unwind. Provides a quick and easy method for dispensing up to 3" wide rolls of tape.

3M™ SCOTCHLITE™ REFLECTIVE TAPES

Reflective Tape 5016-1 and 5016-2

PRODUCT NUMBER: 5016-1 PKG. (LBS.): 1 ROLL (1.35) MIN. ORDER: 1 ROLL UPC: 054007-33813
PRODUCT NUMBER: 5016-2 PKG. (LBS.): 1 ROLL (2.50) MIN. ORDER: 1 ROLL UPC: 054007-33814

This orange, reflective adhesive-backed tape with high-tack adhesive suitable for use at low temperatures provides high visibility at night or during daylight conditions. For marking pedestal cabinets located in right-of-way areas to warn users of cabinet locations. Highly visible markings are designed to prevent injury and reduce property damage. Use only on flat surfaces.
LENGTH: 50 YARDS

Fiber Optic Warning Label Roll 5016-FO

PKG. (LBS.): 1 ROLL (1.35) MIN. ORDER: 1 ROLL UPC: 054007-17422
LETTERS ARE 19.0 MM (3/4") AND 9.5 MM (3/8") HIGH, 288 LABELS PER ROLL

Orange, reflective adhesive-backed tape with high-tack adhesive is suitable for use at low temperatures. Imprinted "CAUTION FIBER OPTIC" on 152 mm (6") spacings.







Identification Products

SCOTCHLITE™ IDENTIFICATION PRODUCTS

3M™ Scotchlite™ Reflective Lettering System 5005

Convenient and easy to use, letters and numbers are self-spacing, with self-sticking adhesive. Highly visible characters stand out at wide angles and remain visible in wet weather. Each kit contains 25 each A-Z, 0-9, blank and dash characters, packaged in a clear, 36-compartment box, including an application tool.

RUS Listed.



ORDERING INFORMATION

PRODUCT NUMBER	DESCRIPTION	PKG. (LBS.)	MIN. ORDER	UPC 054007-
5005-KIT	Reflective lettering kit (orange and black)	1 kit (2.40)	1 kit	56488
5005-A	Replenishment decal "A"	1000 each (2.00)	1000 each	56172
5005-B	Replenishment decal "B"	1000 each (2.00)	1000 each	56173
5005-C	Replenishment decal "C"	1000 each (2.00)	1000 each	56174
5005-D	Replenishment decal "D"	1000 each (2.00)	1000 each	56175
5005-E	Replenishment decal "E"	1000 each (2.00)	1000 each	56176
5005-F	Replenishment decal "F"	1000 each (2.00)	1000 each	56177
5005-G	Replenishment decal "G"	1000 each (2.00)	1000 each	56178
5005-H	Replenishment decal "H"	1000 each (2.00)	1000 each	56179
5005-I	Replenishment decal "I"	1000 each (2.00)	1000 each	56180
5005-J	Replenishment decal "J"	1000 each (2.00)	1000 each	56181
5005-K	Replenishment decal "K"	1000 each (2.00)	1000 each	56182
5005-L	Replenishment decal "L"	1000 each (2.00)	1000 each	56183
5005-M	Replenishment decal "M"	1000 each (2.00)	1000 each	56184
5005-N	Replenishment decal "N"	1000 each (2.00)	1000 each	56185
5005-O	Replenishment decal "O"	1000 each (2.00)	1000 each	56186
5005-P	Replenishment decal "P"	1000 each (2.00)	1000 each	56187
5005-Q	Replenishment decal "Q"	1000 each (2.00)	1000 each	56188
5005-R	Replenishment decal "R"	1000 each (2.00)	1000 each	56189
5005-S	Replenishment decal "S"	1000 each (2.00)	1000 each	56190
5005-T	Replenishment decal "T"	1000 each (2.00)	1000 each	56191
5005-U	Replenishment decal "U"	1000 each (2.00)	1000 each	56192
5005-V	Replenishment decal "V"	1000 each (2.00)	1000 each	56193
5005-W	Replenishment decal "W"	1000 each (2.00)	1000 each	56194
5005-X	Replenishment decal "X"	1000 each (2.00)	1000 each	56795
5005-Y	Replenishment decal "Y"	1000 each (2.00)	1000 each	56196
5005-Z	Replenishment decal "Z"	1000 each (2.00)	1000 each	56197
5005-DASH	Replenishment decal "—"	1000 each (2.00)	1000 each	56198
5005-BLANK	Replenishment decal "BLANK"	1000 each (2.00)	1000 each	56199
5005-0	Replenishment decal "0"	1000 each (2.00)	1000 each	56162
5005-1	Replenishment decal "1"	1000 each (2.00)	1000 each	56163
5005-2	Replenishment decal "2"	1000 each (2.00)	1000 each	56164
5005-3	Replenishment decal "3"	1000 each (2.00)	1000 each	56165
5005-4	Replenishment decal "4"	1000 each (2.00)	1000 each	56166
5005-5	Replenishment decal "5"	1000 each (2.00)	1000 each	56167
5005-6	Replenishment decal "6"	1000 each (2.00)	1000 each	56168
5005-7	Replenishment decal "7"	1000 each (2.00)	1000 each	56169
5005-8	Replenishment decal "8"	1000 each (2.00)	1000 each	56170
5005-9	Replenishment decal "9"	1000 each (2.00)	1000 each	56171
5005-DAS	Replenishment decal "arrow"	1000 each (1.39)	1000 each	56489

IDENTIFICATION PRODUCTS

3M™ Decal Strip Holder 5012

PKG. (LBS.): 25 EACH (1.91) MIN. ORDER: 25 EACH UPC: 054007-33388

Designed for easy attachment to aerial or underground cables, poles and other structural hardware, the 5012 holder holds 4–18 characters to identify splices, load points, poles, etc. Polyethylene plastic strip can be attached with cable ties or nailed to poles.

RUS Listed.



3M™ Scotchlite™ Reflective Lettering System 5025

A complete A–Z lettering and numbering system in black on “safety” orange. Characters are 48 mm x 76 mm (1-7/8" x 3"). Packaged in a clear, 36-compartment box. Contains 25 each of the letters A–Z, numbers 0–9, blank and dash. All characters are self-sticking and self-spacing. Application tool is included. Minimum order, 100 each.

ORDERING INFORMATION

PRODUCT NUMBER	DESCRIPTION	PKG. (LBS.)	MIN. ORDER	UPC 054007-
5025-KIT	Reflective lettering system kit	1 kit (6.05)	1 kit	34385
5025-A	Replenishment decal “A”	100 each (6.00)	100 each	56210
5025-B	Replenishment decal “B”	100 each (6.00)	100 each	56211
5025-C	Replenishment decal “C”	100 each (6.00)	100 each	56212
5025-D	Replenishment decal “D”	100 each (6.00)	100 each	56213
5025-E	Replenishment decal “E”	100 each (6.00)	100 each	56214
5025-F	Replenishment decal “F”	100 each (6.00)	100 each	56215
5025-G	Replenishment decal “G”	100 each (6.00)	100 each	56216
5025-H	Replenishment decal “H”	100 each (6.00)	100 each	56217
5025-I	Replenishment decal “I”	100 each (6.00)	100 each	56218
5025-J	Replenishment decal “J”	100 each (6.00)	100 each	56219
5025-K	Replenishment decal “K”	100 each (6.00)	100 each	56220
5025-L	Replenishment decal “L”	100 each (6.00)	100 each	56221
5025-M	Replenishment decal “M”	100 each (6.00)	100 each	56222
5025-N	Replenishment decal “N”	100 each (6.00)	100 each	56223
5025-O	Replenishment decal “O”	100 each (6.00)	100 each	56224
5025-P	Replenishment decal “P”	100 each (6.00)	100 each	56225
5025-Q	Replenishment decal “Q”	100 each (6.00)	100 each	56226
5025-R	Replenishment decal “R”	100 each (6.00)	100 each	56227
5025-S	Replenishment decal “S”	100 each (6.00)	100 each	56228
5025-T	Replenishment decal “T”	100 each (6.00)	100 each	56229
5025-U	Replenishment decal “U”	100 each (6.00)	100 each	56230
5025-V	Replenishment decal “V”	100 each (6.00)	100 each	56231
5025-W	Replenishment decal “W”	100 each (6.00)	100 each	56232

CHART CONTINUED ON NEXT PAGE

ORDERING INFORMATION (CONT.)

3M™ SCOTCHLITE™ REFLECTIVE LETTERING SYSTEM KIT 5025

PRODUCT NUMBER	DESCRIPTION	PKG. (LBS.)	MIN. ORDER	UPC 054007-
5025-X	Replenishment decal "X"	100 each (6.00)	100 each	56233
5025-Y	Replenishment decal "Y"	100 each (6.00)	100 each	56234
5025-Z	Replenishment decal "Z"	100 each (6.00)	100 each	56235
5025-DASH	Replenishment decal "—"	100 each (6.00)	100 each	56236
5025-BLANK	Replenishment decal "BLANK"	100 each (6.00)	100 each	56237
5025-0	Replenishment decal "0"	100 each (6.00)	100 each	56200
5025-1	Replenishment decal "1"	100 each (6.00)	100 each	56201
5025-2	Replenishment decal "2"	100 each (6.00)	100 each	56202
5025-3	Replenishment decal "3"	100 each (6.00)	100 each	56203
5025-4	Replenishment decal "4"	100 each (6.00)	100 each	56204
5025-5	Replenishment decal "5"	100 each (6.00)	100 each	56205
5025-6	Replenishment decal "6"	100 each (6.00)	100 each	56206
5025-7	Replenishment decal "7"	100 each (6.00)	100 each	56207
5025-8	Replenishment decal "8"	100 each (6.00)	100 each	56208
5025-9	Replenishment decal "9"	100 each (6.00)	100 each	56209



PRODUCT REFERRAL GENERATOR

Closures	pg. 35
Cabinets	pg. 119
PETs	pg. 156



Adhesive and Magnetic Mounting Plates

3M™ ADHESIVE AND MAGNETIC MOUNTING PLATES

Metal mounting plates with pressure-sensitive adhesive and magnetic backings are available in a wide variety to accommodate most telephone terminals and connector blocks. Foam adhesive sticks aggressively to most surfaces, with no holes to drill. Quick to install, no cumbersome equipment is required. Magnetic mounting plates hold firmly to any flat steel surface.



Mounting Plate 733

51 mm x 60 mm (2" x 2-1/3").
PKG. (LBS.): 50 EACH (3.70) MIN. ORDER: 50 EACH UPC: 054007-17106

For modular connecting blocks: WE 42D, WE 103, SE 725A.

Mounting Plate 733M

PKG. (LBS.): 50 EACH (4.90) MIN. ORDER: 50 EACH UPC: 054007-17107

733-M is the magnetic version of 733 plate.



Mounting Plate 734

51 mm x 79 mm (2" x 3-1/8")
PKG. (LBS.): 50 EACH (4.90) MIN. ORDER: 50 EACH UPC: 054007-17108

For modular connecting blocks: (3M) M-625SA, (3M) M-625TD, WE 42E, WE 104A, KR 625SA, KR 625TD, SE 6255A, SE 625TD, SE 725S.

Mounting Plate 734M

PKG. (LBS.): 50 EACH (6.50) MIN. ORDER: 50 EACH UPC: 054007-17109

734-M is the magnetic version of 734 plate.

3M™ ADHESIVE AND MAGNETIC MOUNTING PLATES

Mounting Plate 735

Size: 51 mm x 51 mm (2" x 2")
PKG. (LBS.): 50 EACH (3.20) MIN. ORDER: 50 EACH UPC: 054007-31615

For connecting blocks: WE 42A, SE 42A, 625A, CAC 625A, Kellogg 38.

Mounting Plate 735M

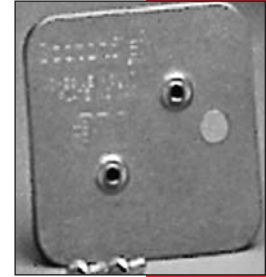
PKG. (LBS.): 50 EACH (4.50) MIN. ORDER: 50 EACH UPC: 054007-31616

735-M is the magnetic version of 735 Plate.

Surface Primer 725

Size: 222 ml (7.5 fl. oz.) can
PKG. (LBS.): 12 CANS (8.00) MIN. ORDER: 12 CANS UPC: 054007-30546

For surface preparation prior to applying flat station wire and adhesive backed accessories. Use on clean, dry surfaces to increase adhesion qualities of wire and accessories. For use on rough, unfinished or hard-to-adhere wall surfaces.







Holding and Fastening Products

3M™ HOLDING AND FASTENING PRODUCTS



Cable Tie and Base Assembly 790

Base, 25 mm x 50 mm (1" x 2"), Tie length: 182 mm (7.18")
PKG. (LBS.): 1000 EACH (15.57) MIN. ORDER: 1000 EACH UPC: 054007-11115

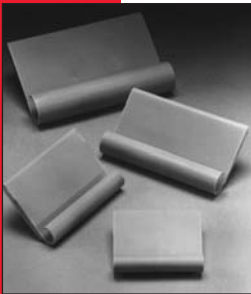
For securing cable and cable bundles to a surface, the self-locking cable tie can be removed and replaced with another 760 cable tie when desired. For cable or bundles with maximum O.D. of 45 mm (1-3/4"). Adhesive-backed base has knock-out holes for screws.
BASE COLOR: IVORY, TIES: CLEAR



Cable Tie and Base Assembly 792

25 mm x 25 mm (1" x 1"), Tie length: 182 mm (7.18")
PKG. (LBS.): 1000 EACH (7.75) MIN. ORDER: 1000 EACH UPC: 054007-27618

For securing cable bundles of 125 mm (1") or less.
BASE COLOR: IVORY, TIES: CLEAR



Cable Clips

PRODUCT NUMBER: **706** SIZE: MM (IN.)/MAX CABLE O.D.: 25 (1), MAX. CABLE O.D. 3 (1/8)
PKG. (LBS.): 1000 EACH (3.05) MIN. ORDER: 1000 EACH UPC: 054007-12972

PRODUCT NUMBER: **707** SIZE: MM (IN.)/MAX CABLE O.D.: 25 (1), MAX. CABLE O.D. 6 (1/4)
PKG. (LBS.): 1000 EACH (6.70) MIN. ORDER: 1000 EACH UPC: 054007-30445

PRODUCT NUMBER: **708** SIZE: MM (IN.)/MAX CABLE O.D.: 32 (1-1/4), MAX. CABLE O.D. 5 (3/16)
PKG. (LBS.): 1000 EACH (3.90) MIN. ORDER: 1000 EACH UPC: 054007-12998

PRODUCT NUMBER: **710** SIZE: MM (IN.)/MAX CABLE O.D.: 38 (1-1/2), MAX. CABLE O.D. 6 (1/4)
PKG. (LBS.): 1000 EACH (5.00) MIN. ORDER: 1000 EACH UPC: 054007-13012

PRODUCT NUMBER: **712** SIZE: MM (IN.)/MAX CABLE O.D.: 44 (1-3/4), MAX. CABLE O.D. 8 (5/16)
PKG. (LBS.): 1000 EACH (9.15) MIN. ORDER: 1000 EACH UPC: 054007-21387

PRODUCT NUMBER: **713** SIZE: MM (IN.)/MAX CABLE O.D.: 51 (2), MAX. CABLE O.D. 10 (3/8)
PKG. (LBS.): 1000 EACH (11.47) MIN. ORDER: 1000 EACH UPC: 054007-21429

Clips are made of vinyl with foam adhesive backing. They may be mounted on most clean, dry surfaces without drilling.

FEATURES

CABLE CLIPS

Fit cables from 3.18 mm (1/8") to 12.7 mm (1/2")

Low profile

Eliminate drilling and nailing

Use for internal equipment wiring and around desks, furniture and machines

Wire can be removed without removing clip

Clips made of flame retardant material (Oxygen index > 28)

3M™ HOLDING AND FASTENING PRODUCTS

Cable Ties and Bases

CABLE TIES

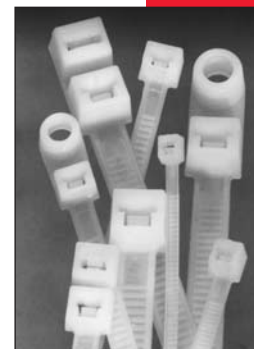
PRODUCT NUMBER: **06264** HEAVY DUTY 380 MM (15")
PKG. (LBS.): 2500 EACH (34.00) MIN. ORDER: 2500 EACH UPC: 054007-06264

DOUBLE-LOOP CABLE TIES

PRODUCT NUMBER: **06267** HEAVY DUTY 397 MM (15-5/8")
PKG. (LBS.): 2500 EACH (34.60) MIN. ORDER: 2500 EACH UPC: 054007-06267

MOUNTING CABLE TIES

PRODUCT NUMBER: **06256** STANDARD 392 MM (15-7/16")
PKG. (LBS.): 10,000 EACH (35.60) MIN. ORDER: 10,000 EACH UPC: 054007-06256



Self-locking, nylon ties are used to bundle and secure conductors or cable. Cable ties and tie-base assemblies are available in various sizes for securing cable and cable bundles to a surface. Bases are adhesive-backed, with screw mounting provisions.

FEATURES

All-nylon ties

ABS base

Flame retardant

Fungus insert

Solvent resistant

Service temperature range -40° to 85°C (-40° to 185°F)





Cable Lubricants

3M™ CABLE LUBRICANTS

Scotch-Grip™ Cement 847

DESCRIPTION: 141.7 G (5 OZ.)
PKG. (LBS.): 36 TUBES (13.05) MIN. ORDER: 36 TUBES UPC: 021200-19718



Wire Pulling Lubricant Gel WL

PRODUCT NUMBER: **WL-1** DESCRIPTION: 3.7 LITERS (1 GALLON) PAIL
PKG. (LBS.): 4 GALLONS (38.55) MIN. ORDER: 4 GALLONS UPC: 054007-50623

PRODUCT NUMBER: **WL-55** DESCRIPTION: 208.1 LITERS (55 GALLON) DRUM
PKG. (LBS.): 1 DRUM (538.00) MIN. ORDER: 1 DRUM UPC: 054007-50625

PRODUCT NUMBER: **WL-QT** DESCRIPTION: 0.94 LITERS (1 QUART) BOTTLE
PKG. (LBS.): 12 QUARTS (29.00) MIN. ORDER: 12 QUARTS UPC: 054007-50622

Wire pulling lubricant gel is a water-soluble, translucent white gel that is easy to handle and apply to wire and cable without runs or drips. The lubricant produces a low coefficient of friction that lessens the chance of wire damage from high pulling forces.



Communications Wire Pulling Lubricant WLC

PRODUCT NUMBER: **WLC-1** DESCRIPTION: 3.7 LITERS (1 GALLON) PAIL
PKG. (LBS.): 4 GALLONS (33.05) MIN. ORDER: 4 GALLONS UPC: 054007-41784

PRODUCT NUMBER: **WLC-5** DESCRIPTION: 18.9 LITERS (5 GALLON) PAIL
PKG. (LBS.): 1 PAIL (41.20) MIN. ORDER: 1 PAIL UPC: 054007-41785

PRODUCT NUMBER: **WLC-55** DESCRIPTION: 208.1 LITERS (55 GALLON) DRUM
PKG. (LBS.): 1 DRUM (420.00) MIN. ORDER: 1 DRUM UPC: 054007-41786

PRODUCT NUMBER: **WLC-QT** DESCRIPTION: 0.94 LITERS (1 QUART) BOTTLE
PKG. (LBS.): 12 QUARTS (28.00) MIN. ORDER: 12 QUARTS UPC: 054007-41783

Communications wire pulling lubricant is a slow drying, water-based liquid lubricant formulated for cable pulling. The lubricant produces a low coefficient of friction that lessens the chance of cable damage from high pulling forces.



3M™ CABLE LUBRICANTS

Wire Pulling Lubricant Wintergrade WLW

PRODUCT NUMBER: **WLW-1** DESCRIPTION: 3.7 LITERS (1 GALLON) PAIL
PKG. (LBS.): 4 GALLONS (38.50) MIN. ORDER: 4 GALLONS UPC: 054007-41747

PRODUCT NUMBER: **WLW-5** DESCRIPTION: 18.9 LITERS (5 GALLON) PAIL
PKG. (LBS.): 1 PAIL (40.50) MIN. ORDER: 1 PAIL UPC: 054007-41748

PRODUCT NUMBER: **WLW-55** DESCRIPTION: 208.1 LITERS (55 GALLON) DRUM
PKG. (LBS.): 1 DRUM (538.00) MIN. ORDER: 1 DRUM UPC: 054007-41749

PRODUCT NUMBER: **WLW-QT** DESCRIPTION: 0.94 LITERS (1 QUART) BOTTLE
PKG. (LBS.): 12 QUARTS (27.10) MIN. ORDER: 12 QUARTS UPC: 054007-41746

Wire pulling lubricant wintergrade can be used and stored in temperatures as low as 10°F (-12°C), making it the choice for cold weather applications. The thick lubricant remains easy to scoop and apply to wire and cable without runs, or drips in both warm and cold temperatures.

Wire Pulling Lubricant Wax/Gel WLX

PRODUCT NUMBER: **WLX-1** DESCRIPTION: 3.7 LITERS (1 GALLON) PAIL
PKG. (LBS.): 4 GALLONS (37.00) MIN. ORDER: 4 GALLONS UPC: 054007-41743

PRODUCT NUMBER: **WLX-5** DESCRIPTION: 18.9 LITERS (5 GALLON) PAIL
PKG. (LBS.): 1 PAIL (45.95) MIN. ORDER: 1 PAIL UPC: 054007-41744

PRODUCT NUMBER: **WLX-55** DESCRIPTION: 208.1 LITERS (55 GALLON) DRUM
PKG. (LBS.): 1 DRUM (460.00) MIN. ORDER: 1 DRUM UPC: 054007-41745

PRODUCT NUMBER: **WLX-QT** DESCRIPTION: 0.94 LITERS (1 QUART) BOTTLE
PKG. (LBS.): 12 QUARTS (29.00) MIN. ORDER: 12 QUARTS UPC: 054007-41742

Wire pulling lubricant wax/gel can be used and stored in temperatures as high as 194°F (90°C), making it the choice for hot weather applications. The thick, consistent lubricant does not liquefy or separate with hot aging; it scoops and applies easily to wire and cable without runs or drips in hot temperatures; and it will not evaporate too soon after pulls. Because it can be immersed in water for 30 minutes with minimal weight loss, it is also the choice for wet weather applications.

Non-Re-enterable Resin Splicing Kit 72-N2

PKG. (LBS.): 10 KITS (12.80) MIN. ORDER: 10 KITS UPC: 054007-10625

