



Cable and Wire Management



CABLE JOINTS, CABLE TERMINATIONS, CABLE GLANDS, CABLE CLEATS
FEEDER PILLARS, FUSE LINKS, ARC FLASH, CABLE ROLLERS, CUT-OUTS

11KV 33KV CABLE JOINTS & CABLE TERMINATIONS
FURSE EARTHING
www.cablejoints.co.uk
Thorne and Derrick UK

Tel 0044 191 490 1547 Fax 0044 191 477 5371
Tel 0044 117 977 4647 Fax 0044 117 9775582

3M offer a range of wire management solutions ranging from wire identification systems, offering numerous ways to mark

your product, to lubricants and cable cleaning and preparation products designed for specific applications.



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Electrical Tapes
Low Voltage Joints & Terminations
Cold Shrink tubes & End Caps
Earthing Kits
Resins
Medium Voltage Joints & Terminations
Hazard Area Joint & Termination Kits
Cable & Wire Management
Lugs & Connectors
Heat Shrink
Cable & Fault Locators & Electronic Marker Systems



ScotchCode™ identification systems give you many ways to mark your product. The 3M lines include dispensers, preprinted alphanumeric and coloured tape, and write-on books and tags. Use these products for marking wire and cable of all diameters, distribution panels, repair and replacement parts, wires and hoses in motorized vehicles, terminal strips, motor leads, submotor leads, sub-assembly leads, control panels and much more.

Scotchcode™ Wire Marking Dispensers



ScotchCode™ STD Tape Dispenser

The ScotchCode™ STD Tape Dispenser is a compact, carry-along dispenser with ten refillable compartments, which hold eight-foot rolls of non-smear polyester tape. Used for marking binder groups, wire or cable, the tape's high tack, acrylic adhesive resists solvents, oil and water and adheres firmly to insulation surfaces. An end loop hooks the dispenser easily to a tool pouch or belt. Dispensers can be ordered empty or filled with 10 rolls of either pre-printed numbers 0-9 or NEMA colours.



STD filled 0-9 Blister Pack	Dispenser filled with 10 rolls of numbered tape (one each of 0-9)
STD Coloured Dispenser	Dispenser filled with 10 rolls of coloured tape (one each of black, blue, brown, green, gray, orange, red, violet, white and yellow)
STD Dispenser empty	Empty Dispenser



ScotchCode™ Write-On Dispensers

These three self-laminating write-on marker dispensers are handy for identifying wire and cable as well as household, automotive, plumbing and sporting equipment. They are easy to use, refillable and come with an SMP permanent marking pen. The dispenser design provides convenience and protects the die-cut adhesive markers.

Product ID	Description	Labels per Roll	Write-On Area	Marker Size
SWD	Dispenser with tape and SMP pen	50	19 mm x 8 mm	19mm x 35 mm
SWD R	Refill roll for SWD	250	19mm x 8mm	19mm x 35mm
SLS	Dispenser with tape and SMP pen	170	25 mm x 13 mm	25mm x 58 mm
SLS-R	Refill roll for SLS	170	25mm x 13mm	25mm x 58mm
SLW	Dispenser with tape and SMP pen	70	25 mm x 19 mm	25mm x 127 mm
SLW - R	Refill roll for SLW	70	25m x 19m	25mm x 127mm



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Scotchcode™ Wire Marking Dispensers



ScotchCode™ SMP Marker Pens

3M ScotchCode™ SMP Permanent Marking Pens are recommended for use with ScotchCode™ write-on products. The pen performs well on nonporous surfaces, has an extra-fine point with permanent, quick-drying ink and is available in black. It has superior UV and water resistance.

ScotchCode™ SWB Write-On Wire Marker Book

The 3M ScotchCode™ SWB Write-On Wire Marker Book contains self-laminating, write-on markers designed for small volume applications involving special or complex legends that must be hand written at the job site.

Product ID	Labels per Roll	Write-On Area	Marker Size
SWB1	180	13 mm x 13 mm	28 mm x 13mm
SWB 2	120	19 mm x 19 mm	44 mm x 19mm
SWB 3	60	25 mm x 25 mm	72 mm x 25mm
SWB 4	30	25 mm x 25 mm	127 mm x 25mm

Scotchcode™ - SDR Alphabetical Refills (A-Z)

SDR-A	SDR-G	SDR-M	SDR-T
SDR-B	SDR-H	SDR-N	SDR-U
SDR-C	SDR-I	SDR-O	SDR-V
SRD-D	SRDR-J	SDR-P	SDR-W
SDR-E	SDR-K	SDR-Q	SDR-X
SDR-F	SDR-L	SDR-R	SDR-Y
		SDR-S	SDR-Z

ScotchCode™ SDR Dispenser Refill Rolls

This aggressive adhesive system, combined with the flexible polyester film backing, provides a thin, conformable tape that is durable and will hold up in most industrial electrical applications.

The smooth surface of this tape allows dirt and grime to be easily wiped off, providing text legibility even after extended exposure to a build-up of contamination.

ScotchCode™ SDR Wire Marking Tape is available in ten NEMA colours, individual numbers and consecutive numbers, letters and symbols.

Applications

The SDR tape can be used for the following applications involving operating temperatures between -40°C to 121°C (-40°F - 250°F)

Marking all types of wire and cable including power, control, fiber optic, electronic, telecommunications, and instrumentation

Phase identification on large or small gauge wire or cable

Identification of terminal blocks, terminal strips, and wire in panel boards or a piece of switchgear

Automotive applications on tubing, hoses and replacement parts

Scotchcode™ SDR Colour Refills

SDR-BK	Black
SDR-YW	Yellow
SDR-RD	Red
SDR-BN	Brown
SDR-BE	Blue
SDR-GN	Green
SDR-WE	White

Scotchcode™ SDR Character Refills

SDR-L1
SDR-L2
SDR-L3
SDR+ (plus)
SDR- (minus)

Scotchcode™ SDR Numerical Refills

Supplied 2 rolls to a blister pack for point of sale display

SDR-0	SDR-1	SDR-2
SDR-3	SDR-4	SDR-5
SDR-6	SDR-7	SDR-8
SDR-9		



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3M™ Cable Cleaning / Degreasing Wipes

Cable Cleaning/Degreasing Wipes are designed specifically to remove contaminants such as grease, oil, sealants and cable jelly from switchgear and cables. The product will remove even heavy or old deposits without hazard to user, environment, substrate or insulation materials.

Features

- Safe to use on all electrical equipment and cables
- Non-toxic – non-flammable
- Effective on both general grease/oil and protective coatings

Application

- Cable cleaning prior to jointing
- Removal of protective greases and jelly from switchgear
- Sub-station cleaning and maintenance
- PCB cleaning
- Degreasing overhead power lines

Sizes

12 Litre Pail	Contains 500 wipes
3 Litre Pail	Contains 250 wipes
1 Litre Pail	Contains 75 wipes

Types

CC3 CLEANING PADS	3 Saturated Pads per Kit
CC4 CLEANING SOLVENT	0.95 Litre Container

3M™ Cable Cleaning Products

3M CC Series Cable Cleaning Solvent is a full strength non-ozone depleting cleaner, degreaser for use as an effective replacement for 1,1,1-Trichloroethane and other hazardous solvents. Formulated to exhibit excellent cleaning and degreasing properties. Supplied as a liquid solvent, or in a saturated pad.

Features

- The solvent is a colourless non-conducting liquid that emanates a light orange peel scent. It is compatible with all solid dielectric cable insulations, will not cause cracking on insulation surfaces and it evaporates completely

Application

- The solvent is compatible with all solid dielectric cable insulations: i.e. Polyethylene (high and low density), cross-linked polyethylene (XLPE) and ethylene propylene rubber (EPR) and is suitable for use on transformers, generators, motors, vehicles and metal parts to remove surface oils, tars and heavy greases

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Sizes available

- 0.21 Litre
- 0.95 Litre
- 3.78 Litre
- 18.92 Litre

3M™ Wire Pulling Lubricant LUB-I - STANDARD

Wire Pulling Lubricant is a translucent white polymer gel, which produces a low coefficient of friction for smooth low-tension wire and cable pulling. A low coefficient of friction makes cable pulling easier and safer with less chance for cable jacket damage from high pulling forces. The lubricant is easy to handle and apply. The material is colourless and non-staining and affords quick and easy cleanup. The low solids content means less conduit blocking if additional pulls are required.

Features

- Solids Content <3.5%
- Temperature Stable (-5°C to +45°C)
- Colourless and non-staining
- Water Soluble
- Compatible with semi-conducting material

Application

3M Wire Lubricant is suitable for pulling a wide variety of cable types, such as power, control, instrumentation and communication cables. This includes coaxial and fibre optic cables. This lubricant is compatible with common types of cable jacket materials.



Sizes available

- 3.78 Litre
- 18.92 Litre
- 207.9 Litre

3M™ Wire Pulling Lubricant LUB-P - HEAVY DUTY

3M Lub-P makes your cable pulling jobs smoother and easier. It is a slow drying, friction reducing lubricant that lessens the chance of cable damage from high pulling forces.

Features

- Solids Content <5.5%
- Temperature Stable (-7°C to +44°C)
- Stringy gel with excellent cable cling

Application

Recommended for long and heavy pulls with multiple bends/pulls in hot environments.



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The Scotch® Spray product range consists of a number of different insulating, cleaning, protective and preventative maintenance sprays. These products should form a major part of any maintenance programme, from preventative action to repairing damage in all electrical and electronic environments. By safeguarding the quality and function of technical equipment and accessories, service life can be considerably increased.

The Scotch® Sprays comply with all European legal requirements, and include safety instructions printed on all spray cans. Alternatively the material and safety data sheets can be obtained from your local distributor or directly from 3M.



Protective sprays

Scotch® 1600 (400ml)

Scotch® 1600 provides highly effective anti-corrosion protection. Its rubber-asphalt base forms a dense, abrasion resistant covering that protects against moisture, spray salt water, all corrosive media and is resistant to the effects of physical impacts.

Scotch® 1617 Zinc spray (400ml)

Scotch® 1617 is an ideal cold galvanizer, that provides permanent protection against rust and corrosion by electrochemically bonding with the metal surface it is sprayed onto. Scotch® 1617 has excellent adhesion to iron and steel, is resistant to weathering, UV radiation, moisture, heat up to 500°C, alkaline solutions and mineral oils. It is an ideal primer for metal constructions, and complies with DIN 50976 (zinc content) and DIN 53167 (corrosion protection).



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