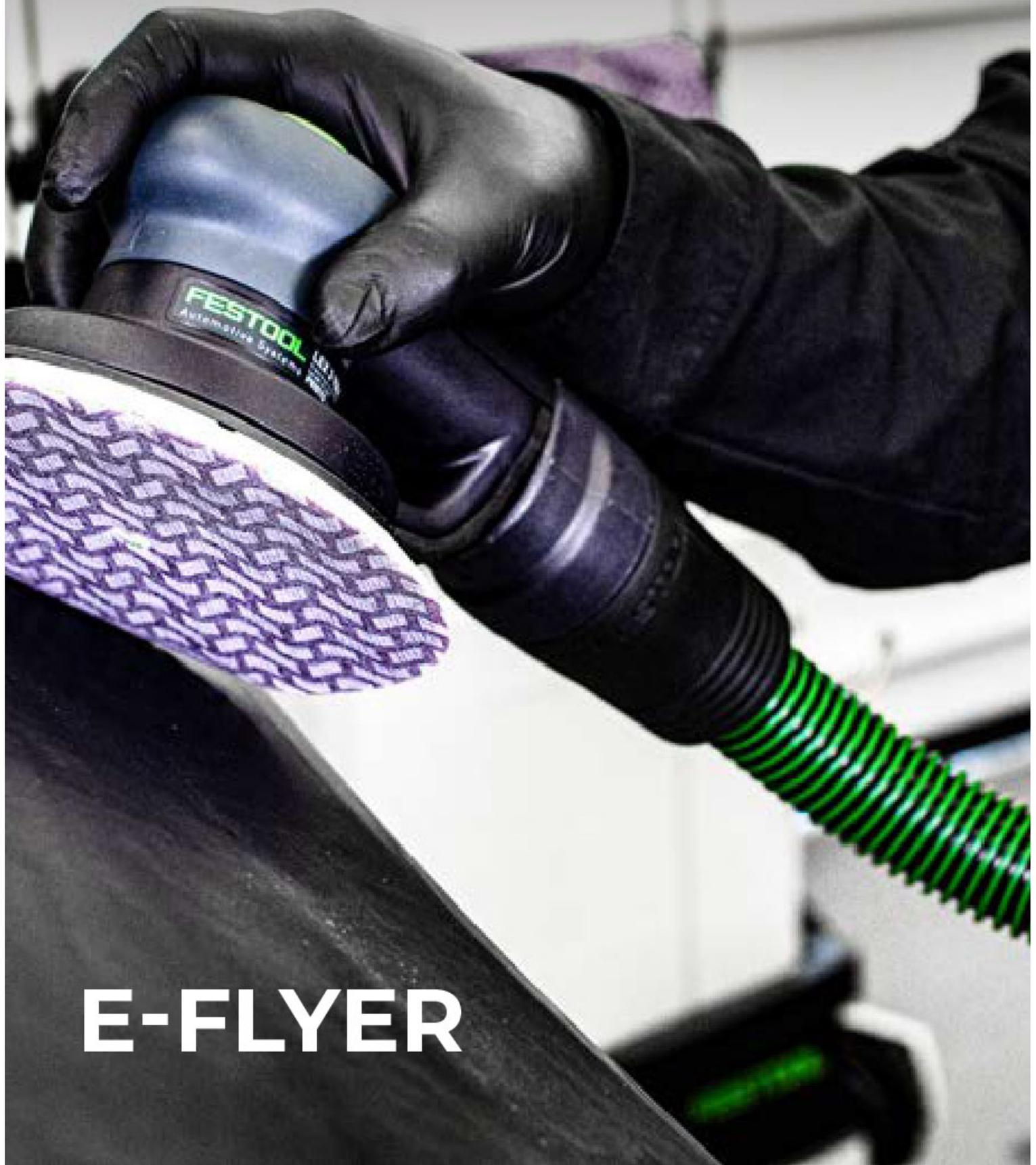


3M



E-FLYER

3M Science.
Applied to Life.™

Memperkenalkan rangkaian isolasi listrik vinil untuk membantu mendukung kebutuhan aplikasi Anda.



Isolasi dasar untuk pekerjaan kelistrikan dasar

Isolasi yang dapat diandalkan untuk pekerjaan kelistrikan sehari-hari

isolasi yang tangguh untuk pekerjaan sehari-hari

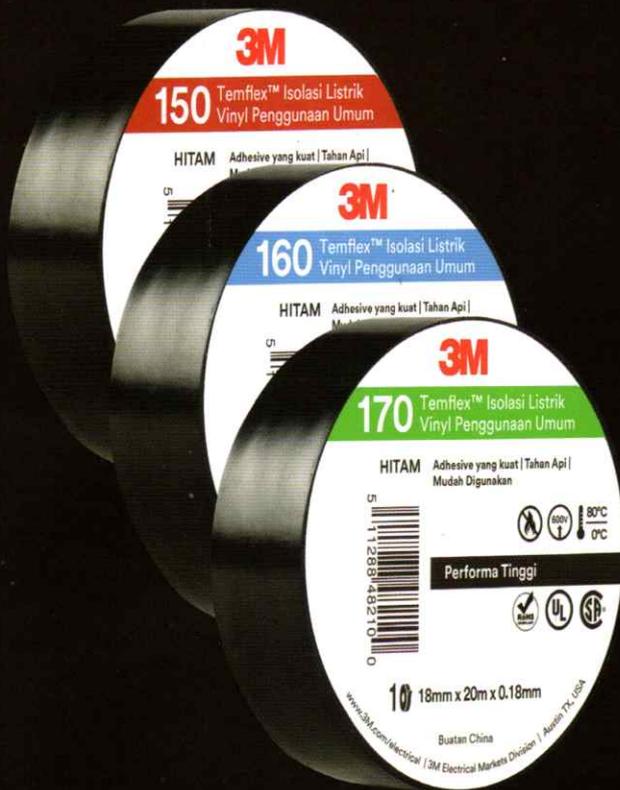
**tapes
for every
task**

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isolasi listrik vinil untuk
membantu mendukung
kebutuhan aplikasi Anda.

Isolasi Baru.
Merek Terpercaya yang Sama.



tapes
for every
task



Mengisolasi



Memancing tarikan kabel



Harnessing



Menandai



Memperbaiki

Spec	Type	Description	HARGA READY ITEM (NETT Inc PPN 11%)
------	------	-------------	----------------------------------------

COLD SHRINK TERMINATION



7000038603	QT II (L) 4S-32H	2.042.905 - 3 Core, 4 Skirt , Indoor, 240-400 mm	2.042.905
7000038638	QT-II (J) 4S-12	1.245.218 - 1 Core, 4 Skirt , Indoor, 35-150 mm	1.245.218

COMFORT GRIP GLOVES



7000008618	COMFORT GRIP GLOVE-M		56.500
7000008619	COMFORT GRIP GLOVE-L		56.500
7000008620	COMFORT GRIP GLOVE-XL		56.500

COMFORT GRIP CUT RESISTANT GLOVES (Tahan Potong (ANSI 3))



7100023131	CGXL CR COMFORT GRIP GLOVE CUT RES XL		364.800
7100023132	CGM CR COMFORT GRIP GLOVE CUT RES M		364.800
7100023421	CGL CR COMFORT GRIP GLOVE CUT RES L		364.800

ELECTRICAL TAPES



7000043566	1258jr Black Vinyl Tape (18meter)		7.000
7100100936	1258jr Black Vinyl Tape Mini (5yard)		2.733



7100094439	1500 GU VINYL BLACK L18MMXP20MXT		10.000
7100094480	1500 GU VINYL WHT L18MMXP20MXT		10.000
7100094481	1500 GU VINYL GRN L18MMXP20MXT		10.000
7100095400	1500 GU VINYL RED L18MMXP20MXT		10.000
7100095401	1500 GU VINYL YLW L18MMXP20MXT		10.000
7100095402	1500 GU VINYL BLUE L18MMXP20MX		10.000

*mohon konfirmasi terlebih dahulu ke team sales kami untuk ketersediaan stock

Spec	Type	Description	HARGA READY ITEM (NETT Inc PPN 11%)
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7000042541

SUPER 33+3/4INX66FT ELECTRCL T

49.300



7100070644

SCOTCH 790 Series Vinyl Tape 1

21.100



7000038599

23 TAPE 3/4IN X 30FT50RL/CTN

85.800

7000006094

35 RED 3/4 INCH X 66 VHB VINYL

52.600

7000006095

35 BLUE 3/4 INC X 66 VHE VINYL

52.600

7000006096

35 YELLOW 3/4 INCH X 66 VHG

52.600

7000006097

35 WHITE 3/4 INCH X 66 VHH

52.600

7000006098

35 GREEN 3/4 INCH X 66 VHL

52.600



SPLICE RESIN KIT SCOTCHCAST



7000038625

92-A1 LV SPLICE RESIN KIT
SCOTCHCAST
diameter luar kabel 8-22mm,
ukuran penampang kabel up to 10mm²,
rating tegangan 0.6/1Kv

353.182

**mohon konfirmasi terlebih dahulu ke team sales kami untuk ketersediaan stock*

Komplek Harco Mangga Dua Plaza Blok K No. 1
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Philips Lighting : sales.philips@graha-pt.co.id
Hikvision : sales.hikvision@graha-pt.co.id
Notifier : sales.notifier@graha-pt.co.id
Appliances : sales.appliances@graha-pt.co.id



Temflex™ 1500

PVC Electrical Tape

1. Product Description

Temflex™ 1500 Electrical Tape is a good quality and general purpose PVC insulating tape. It has good resistance to: abrasion, moisture, alkalis, acid and varying weather conditions (including sunlight). It is a polyvinyl chloride (PVC) tape that has a high electric strength, is conformable and provides good mechanical protection with minimum bulk. Temflex™ 1500 is classified as IEC 60454-3-1-5/F-PVCP/90 and has VDE Marks License.

2. Applications

- Primary electrical insulation for all wire and cable splices and repairs.
- Harnessing of wires and cables.
- For indoor and outdoor applications.

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address
before issue

Reference: BME32051422_05
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Issue date 27.09.2016
Supersedes 04.10.2012

3. Typical Properties

Physical Properties	Typical Value
Colors	Black, Blue, Brown, Yellow, Yellow/Green, Grey, Orange, Red, White, Purple, Green
Thickness ¹	0,15 mm
Elongation ¹	170%
Tensile Strength ¹	20 N/10 mm
Adhesion to Steel ¹	1,8 N/10 mm
Adhesion to Backing ¹	1,8 N/10 mm
Temperature Rating ²	0-90°C
Resistance to Flame ¹ Propagation	self-extinguishing (acc IEC 60454-2 19.5 part b)
Electric Strength ¹	40 kV/mm
Electrolytic Corrosion ³	A/B 1.8
Insulation Resistance ³	10 ¹¹ Ω/25 mm

These are typical values and should not be used for specification purposes.

¹ IEC 60454-2

² IEC 60085, IEC 60216

³ IEC 60426

4. User Information

4.1 Installation Techniques

The tape shall be applied in half-lapped layers with sufficient tension to conform and produce a uniform covering. In most applications, this tension will reduce the tape's width to 5/8 of its original width.

Apply the tape with no tension on the last wrap to prevent flagging.

4.2 Maintenance

Temflex™ 1500 Electrical Tape is stable under normal storage conditions.

4.3 Availability

Please contact your local distributor.

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Supersedes 04.10.2012

5. Additional Information

To request additional product information see address below.

Important Notice

All statements, technical information and recommendations contained in this document are based upon tests or experience that 3M believes are reliable. However, many factors beyond 3M's control can affect the use and performance of a 3M product in a particular application, including the conditions under which the product is used and the time and environmental conditions in which the product is expected to perform. Since these factors are uniquely within the user's knowledge and control, it is essential that the user evaluates the 3M product to determine whether it is fit for a particular purpose and suitable for the user's method or application.

Values presented have been determined by standard test methods and are average values not meant to be used for specification purposes.

All questions of warranty and liability relating to 3M products are governed by the terms of the respective sale subject, where applicable, to the prevailing law.

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Issue date 27.09.2016
Supersedes 04.10.2012

3M™ Temflex™ Vinyl Electrical Tape 150

Technical Data

May/2023

Product Description

3M™ Temflex™ Vinyl Electrical Tape 150 is a general use grade, nominal 0.13 mm thick electrical insulating tape composed of an elastic vinyl (PVC) film backing. Available in 9 colors.

Commonly used in these types of applications:

- Industrial, commercial and residential environments
- Marking of safety areas and equipment and phase coding
- Indoor and weather protected outdoor operations as determined by end-user where use of a professional grade vinyl electrical tape is not required
- For harnessing and bundling of wires and cable where minimum bulk is required

Typical Properties

Physical Properties	Typical Value ¹ Imperial (Metric)	Mechanical Properties	Typical Value ¹ Imperial (Metric)
Color-Visual	Black, Blue, Red, Yellow, White, Orange, Brown, Green, Grey	Thickness ³	0.13mm±10%
Adhesive	Rubber-based	Adhesion to steel ²	20oz/in (0.22N/mm)
Backing	Vinyl (PVC)	Adhesion to backing ³	20oz/in (0.22N/mm)
Flame Retardant ²	Pass	Tensile Strength ³	2500psi
Electrical Properties	Typical Value ¹ Imperial (Metric)	Elongation ³	200%
Dielectric Strength ²	1.2kV/mil		

Notes:

1. Not for specification. Values are typical, not to be considered minimum or maximum.
2. Flame retardant test method refers to UL510
3. ASTM D1000 test method-properties measured at room temperature 23°C unless otherwise stated.

Agency Approval & Self Certifications

- For Regulatory information including RoHS, REACH, please visit www.3M.com/regs

Installation Techniques

3M Temflex Vinyl Electrical Tape 150 shall be applied in half-lapped layers with sufficient tension to produce a uniform wind. On pigtail splices, the tape shall be wrapped beyond the end of the wires and then folded back, leaving a protective cushion to resist cut-through. Wrap tape up-hill, taping from a smaller diameter surface to a larger diameter surface. Apply the tape with no tension on the last wrap to prevent flagging.

Shelf Life & Storage

This product has a 2-year shelf life (from date of manufacture) when stored in humidity-controlled storage (10°C-27°C and <75% relative humidity)

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