





4.1 Electrical and Technical Tapes

Vinyl Electrical Tapes

For Higher Mechanical Requirements	HelaTape Flex 20	308
Premium Electrical Tape	HelaTape Flex 1000+	309

Self-amalgamating Tapes

Rubber Mastic Tape	HelaTape Power 660 RM	310
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Technical Tapes

Cloth Tape	HelaTape Tex	311
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Vinyl Electrical Tapes – Insulating Tape for Higher Mechanical Requirements

HelaTape Flex 20

Primary electrical insulation for all wire and cable splices up to 1 kV.
Protective jacketing for low, medium and high voltage splices.
Wrapping of wire harnesses and cables.
Used for indoor and outdoor applications.

Features and benefits

- Vinyl electrical tape with strong rubber adhesive
- Suitable for mechanical and electrical applications up to 1 kV
- Additional thickness for quicker layering and higher abrasion resistance
- Weather resistant
- Flame retardant according to UL 510 Standard



HelaTape Flex 20 – Higher thickness for quicker layering.

MATERIAL	Polyvinylchloride (PVC)
Dielectric Strength	40 kV/mm
Adhesion to Steel	2.5 N/10 mm
Adhesion to Backing	2.5 N/10 mm
Elongation at break	240 %
Breaking Strength	40 N/10 mm
Operating Temperature	-10 °C to +105 °C

RoHS ✓

TYPE	Thickness (T)	Width (W)	Length (L)	Colour	Article-No.
HTAPE-FLEX20-19x20	0.20	19.0	20.0 m	Black (BK)	710-10300

All dimensions in mm. Subject to technical changes. Minimum Order Quantity (MOQ) may differ from package content.



Please note! Not all products listed on this page may have this approval. Please check our website for latest approvals.



Vinyl Electrical Tapes – Premium Vinyl Electrical Tape

HelaTape Flex 1000+

Primary electrical insulation for all wire and cable splices up to 1 kV. Protective jacketing for low, high and medium voltage splices. Harnessing of wires and cables. Used for indoor and outdoor applications.

Features and benefits

- All-weather highly flexible, professional grade, self-adhesive vinyl electrical tape
- Excellent performance and durability over wide temperature range from -18°C to +105°C according to CSA C22.2
- VDE approved according to IEC 60454-3-1-7/F-PVCP/90
- Used for insulation, protection, fixing, maintenance, colour coding
- Pressure sensitive high quality rubber based adhesive
- Excellent resistance to abrasion, moisture, chemicals, corrosion and UV exposure
- Primary electrical insulation for all wire and cable splices up to 1 kV
- Protective jacketing for low, medium and high voltage splices and repairs
- Flame retardant according to UL 510 Standard
- For indoor and outdoor applications
- Size 19 mm x 20 m is single packed in a plastic can only
710-10601 comes in a pack of 10 pcs



HelaTape Flex 1000+ provides excellent low temperature performance.

MATERIAL	Polyvinylchloride (PVC)
Dielectric Strength	45 kV/mm
Adhesion to Steel	3.0 N/10 mm
Adhesion to Backing	2.7 N/10 mm
Elongation at break	300 %
Breaking Strength	35 N/10 mm
Operating Temperature	-18 °C to +105 °C



TYPE	Thickness (T)	Width (W)	Length (L)	Colour	Article-No.
HTAPE-FLEX1000+ 50x33	0.18	50.0	33.0 m	Black (BK)	710-10611

All dimensions in mm. Subject to technical changes. Minimum Order Quantity (MOQ) may differ from package content.



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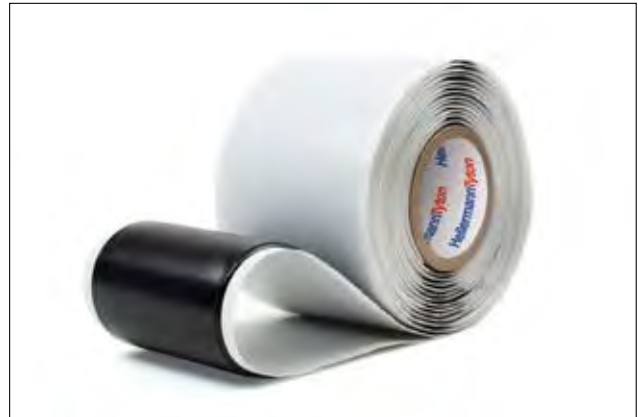
Self-amalgamating Tapes – Rubber Mastic Tape

HelaTape Power 660 RM

HellermannTyton offers a wide range of products for bundling, insulating, sealing and labeling cables and wires. PVC insulation tapes for low-voltage applications are available in various colors and dimensions. Self-welding, rubber-based tapes are ideal for insulating and sealing cables and connections from low to high and extra-high voltage ranges. HelaTape Tex fabric tapes are versatile and easy to write on.

Features and benefits

- Self-amalgamating rubber mastic tape
- EPR backing coated with a tacky, temperature-stable mastic adhesive
- Designed for electrical insulating and moisture sealing applications
- Can be used as cable jacket replacement
- Perfect adhesion and sealing for copper and aluminium wires
- Easily suitable to irregular shapes and surfaces
- Compatible with all extruded cable insulations
- UV, moisture, corrosion and chemical resistant
- Primary electrical insulation for bus bar connections rated up to 35 kV
- Excellent for repairing e.g. damaged cable sheaths against moisture ingress, where finishing with some layers of Helatape Flex will do the mechanical protection



HelaTape Power 660 is a very flexible rubber mastic sealing and padding tape.

MATERIAL	Ethylene Propylene Rubber (EPR), Isobutene-Isoprene-Rubber (butyl rubber) (IIR)
Operating Temperature	-30 °C to +90 °C
Intermittent Operating Temperature	+130 °C
Water Absorption	0.1 %
Tensile Strength	1.5 N/mm ²
Dielectric Strength	19.7 kV/mm

HF ✓

RoHS ✓

TYPE	Thickness (T)	Width (W)	Length (L)	Colour	Article-No.
HTAPE-POWER 660-RM	1.65	50.8	3.0 m	Black (BK)	711-00307

All dimensions in mm. Subject to technical changes. Minimum Order Quantity (MOQ) may differ from package content.



Technical Tapes – Cloth Tape

HelaTape Tex

HellermannTyton offers a wide range of products for bundling, insulating, sealing and labeling cables and wires. PVC insulation tapes for low-voltage applications are available in various colors and dimensions. Self-welding, rubber-based tapes are ideal for insulating and sealing cables and connections from low to high and extra-high voltage ranges. HelaTape Tex fabric tapes are versatile and easy to write on.

Features and benefits

- High quality PE-coated cloth tape with good weather resistance
- Total thickness of 0.31 mm for high tensile strength
- Highly tear-resistant in longitudinal direction
- Easy to tear-off by hand in transverse direction
- Matt surface finish for use in stage constructions and for exhibitions to avoid light reflections
- Useful for various applications like bundling, fixing, identification, marking and protection
- HelaTape Tex can be removed without residues due to high quality rubber based adhesive



HelaTape Tex is available in various colours and sizes.

MATERIAL	Cotton (CO)
Operating Temperature	-30 °C to +80 °C
Adhesion to Backing	3.0 N/10 mm
Elongation at break	10 %
Breaking Strength	64 N/10 mm



TYPE	Thickness (T)	Width (W)	Length (L)	Colour	Article-No.
HTAPE-TEX-19x10	0.31	19.0	10.0 m	Blue (BU)	712-00200

All dimensions in mm. Subject to technical changes. Minimum Order Quantity (MOQ) may differ from package content.