



HelaTape

Technical and electrical tapes for bundling, insulating, fixing, sealing and marking



HelaTape —

Your solution for various electrical applications.

HellermannTyton offers a comprehensive range of Vinyl, Rubber and Cloth Tapes for bundling, insulating, fixing, sealing and marking applications around all kinds of electrical applications. Vinyl electrical tapes are designed for low voltage applications and available in different dimensions and colours. Rubber tapes are suitable for sealing and insulating cables and splices in low, medium and high voltage applications. HelaTape Cloth tapes are extremely strong and ideal for identification, fixing, bundling and repair purposes. HelaTape Protect is used to build professional cable and wiring harnesses.





HelaTape Flex — Vinyl Electrical Tapes

HelaTape Flex is the all-rounder in the PVC -tape portfolio, it shows high tensile strength and good adhesion for mechanical and electrical applications. HelaTape Flex Premium is the professional grade PVC-tape. Its excellent thermal properties allow elastic and flexible processing at cold temperatures.

See Page 4.



HelaTape Shield — Conductive Tapes

HelaTape Shield 310 is the self-almalgamating conductive tape for shielding high voltage splices and terminations.

HelaTape Shield 320 provides very good electromagnetic shielding.

See Page 16.



HelaTape Power — Self-almalgamating Tapes

HelaTape Power 600, 650, 660, 670, 700, 715, 800, 810, 820 and 900 are air- and-water-tight, self-almalgamating rubber tapes without glue.

They are classified in low, medium and high voltage applications.

See Page 18.



HelaTape Tex — Cloth Tapes

These tapes are extremely strong in the longitudinal direction and easy to tear in the transverse direction. The range is ideal for protection, marking, fixing, bundling, patch and repair purposes. HelaTape Tex is weather resistant, water repellent and residue-free to remove — essential in stage constructions and for exhibitions. **See Page 25.**



HelaTape Protect — Wire Harness Tapes

HelaTape Protect tapes are preferably used for cable and wire harnessing. They offer very good heat and media resistance against abrasion.

The tapes are stable against rotting and provide excellent ageing resistance.

See Page 27.



Flex Series — Vinyl Electrical Tapes For All Purpose Use

HelaTape Flex 13

Features and benefits

- Vinyl electrical tape in many different colours
- Used for insulation, protection, fixing, maintenance, colour coding and more
- Good resistance to abrasion, sunlight, moisture, chemicals, and varying weather conditions
- Highly flexible with outstanding adhesion performance
- Harnessing of wires and cables
- Suitable for mechanical and electrical applications up to 1 kV
- VDE approved according to IEC 60454-3-1-6/F-PVCP/90
- Flame retardant according to IEC 60454-2



HelaTape Flex 13 is a commercial grade, weather resistant vinyl tape.

MATERIAL	Polyvinylchloride (PVC)
Dielectric Strength	45 kV/mm
Adhesion to Steel	2.5 N/ cm
Adhesion to Backing	2.5 N/ cm
Elongation at break	200 %
Breaking Strength	25 N/10 mm
Operating Temperature	0 °C to +90 °C



TYPE	Thickness (T)	Width (W)	Length (L)	Colour
HTAPE-FLEX13-15x10	0.13	15.0	10.0 m	Black (BK)
	0.13	15.0	10.0 m	Blue (BU)
	0.13	15.0	10.0 m	Brown (BN)
	0.13	15.0	10.0 m	Green (GN)
	0.13	15.0	10.0 m	Green-Yellow (GNYE)
	0.13	15.0	10.0 m	Grey (GY)
	0.13	15.0	10.0 m	Orange (OG)
	0.13	15.0	10.0 m	Red (RD)
	0.13	15.0	10.0 m	Violet (VT)
	0.13	15.0	10.0 m	White (WH)
	0.13	15.0	10.0 m	Yellow (YE)

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



Flex Series — Vinyl Electrical Tapes For All Purpose Use

HelaTape Flex 13

TYPE	Thickness (T)	Width (W)	Length (L)	Colour
HTAPE-FLEX13-15x25	0.13	15.0	25.0 m	Black (BK)
HTAPE-FLEX13-19x20	0.13	19.0	20.0 m	Black (BK)
	0.13	19.0	20.0 m	Blue (BU)
	0.13	19.0	20.0 m	Brown (BN)
	0.13	19.0	20.0 m	Green (GN)
	0.13	19.0	20.0 m	Green-Yellow (GNYE)
	0.13	19.0	20.0 m	Grey (GY)
	0.13	19.0	20.0 m	Red (RD)
	0.13	19.0	20.0 m	Violet (VT)
	0.13	19.0	20.0 m	White (WH)
	0.13	19.0	20.0 m	Yellow (YE)
HTAPE-FLEX13-19x25	0.13	19.0	25.0 m	Black (BK)
HTAPE-FLEX13-25x25	0.13	25.0	25.0 m	Black (BK)
	0.13	25.0	25.0 m	Blue (BU)
	0.13	25.0	25.0 m	Brown (BN)
	0.13	25.0	25.0 m	Green (GN)
	0.13	25.0	25.0 m	Green-Yellow (GNYE)
	0.13	25.0	25.0 m	Grey (GY)
	0.13	25.0	25.0 m	Red (RD)
	0.13	25.0	25.0 m	White (WH)
	0.13	25.0	25.0 m	Yellow (YE)

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



Flex Series — Vinyl Electrical Tapes For All Purpose Use

HelaTape Flex 15

Features and benefits

- Vinyl electrical tape in many different colours
- Used for insulation, protection, fixing, maintenance, colour coding and more
- Good resistance to abrasion, sunlight, moisture, chemicals, and varying weather conditions
- Highly flexible with outstanding adhesion performance
- Harnessing of wires and cables
- Suitable for mechanical and electrical applications up to 1 kV
- VDE approved according to IEC 60454-3-1-6/F-PVCP/90
- Flame retardant according to IEC 60454-2



HelaTape Flex 15 is a commercial grade, weather resistant vinyl tape.



One Step to the Web!

MATERIAL	Polyvinylchloride (PVC)
Dielectric Strength	45 kV/mm
Adhesion to Steel	2.2 N/10 mm
Adhesion to Backing	2.0 N/10 mm
Elongation at break	200 %
Breaking Strength	28 N/10 mm
Operating Temperature	-10 °C to +90 °C



TYPE	Thickness (T)	Width (W)	Length (L)	Colour	Article-No.
HTAPE-FLEX15-15x10	0.15	15.0	10.0 m	Black (BK)	710-00104
	0.15	15.0	10.0 m	Blue (BU)	710-00100
	0.15	15.0	10.0 m	Brown (BN)	710-00107
	0.15	15.0	10.0 m	Green (GN)	710-00103
	0.15	15.0	10.0 m	Green-Yellow (GNYE)	710-00106
	0.15	15.0	10.0 m	Grey (GY)	710-00108
	0.15	15.0	10.0 m	Orange (OG)	710-00110
	0.15	15.0	10.0 m	Red (RD)	710-00101
	0.15	15.0	10.0 m	Red (RD), Grey (GY), Yellow (YE), Green (GN), Blue (BU), Orange (OG), White (WH), Brown (BN), Black (BK), Green-Yellow (GNYE)	710-00146
	0.15	15.0	10.0 m	Transparent (CL)	710-00147
	0.15	15.0	10.0 m	Violet (VT)	710-00109
	0.15	15.0	10.0 m	White (WH)	710-00105
	0.15	15.0	10.0 m	Yellow (YE)	710-00102

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



Flex Series — Vinyl Electrical Tapes For All Purpose Use

HelaTape Flex 15

TYPE	Thickness (T)	Width (W)	Length (L)	Colour	Article-No.
HTAPE-FLEX15-15x25	0.15	15.0	25.0 m	Black (BK)	710-00115
HTAPE-FLEX15-19x20	0.15	19.0	20.0 m	Black (BK)	710-00155
	0.15	19.0	20.0 m	Blue (BU)	710-00151
	0.15	19.0	20.0 m	Brown (BN)	710-00158
	0.15	19.0	20.0 m	Green (GN)	710-00154
	0.15	19.0	20.0 m	Green-Yellow (GNYE)	710-00157
	0.15	19.0	20.0 m	Grey (GY)	710-00159
	0.15	19.0	20.0 m	Red (RD)	710-00152
	0.15	19.0	20.0 m	Violet (VT)	710-00160
	0.15	19.0	20.0 m	White (WH)	710-00156
	0.15	19.0	20.0 m	Yellow (YE)	710-00153
HTAPE-FLEX15-19x25	0.15	19.0	25.0 m	Black (BK)	710-00126
HTAPE-FLEX15-25x25	0.15	25.0	25.0 m	Black (BK)	710-00137
	0.15	25.0	25.0 m	Blue (BU)	710-00133
	0.15	25.0	25.0 m	Brown (BN)	710-00140
	0.15	25.0	25.0 m	Green (GN)	710-00136
	0.15	25.0	25.0 m	Green-Yellow (GNYE)	710-00139
	0.15	25.0	25.0 m	Grey (GY)	710-00141
	0.15	25.0	25.0 m	Red (RD)	710-00134
	0.15	25.0	25.0 m	White (WH)	710-00138
	0.15	25.0	25.0 m	Yellow (YE)	710-00135

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



Flex Series — Vinyl Electrical Tapes Industrial Grade

HelaTape Flex18

Features and Benefits

- Flame retardant
- Used as primary insulation for splices up to 600 volts
- Provides a protective outer jacket to splices at higher voltages
- Wrapping wire harnesses and insulating degaussing coils
- Colour coding electrical circuits
- Lead-free
- Resistant to sun, water, acids, alkalies, corrosive chemicals



HelaTape Flex18 for general splicing purposes.

Material	Polyvinylchloride (PVC)
Dielectric Strength	51 kV/mm
Adhesion to Steel	2.2 N/cm
Adhesion to Backing	2.2 N/cm
Elongation at break	200 %
Tensile Strength	28 N/cm
Operating Temperature	-10 °C to +80 °C

Test method used ASTM-D-1000.



PART NO.	Thickness (T)	Width (W)	Length (L)	Colour	EAN bar code	Pack Cont	Article-No.
FLEX18BK	0.18	19.0	20.0 m	Black	4031026402079	10 pcs.	710-00201
FLEX18WT	0.18	19.0	20.0 m	White	4031026436678	10 pcs.	710-00209
FLEX18RD	0.18	19.0	20.0 m	Red	4031026402086	10 pcs.	710-00206
FLEX18BU	0.18	19.0	20.0 m	Blue	4031026436647	10 pcs.	710-00200
FLEX18GN	0.18	19.0	20.0 m	Green	6005242040177	10 pcs.	710-00208
FLEX18YE	0.18	19.0	20.0 m	Yellow	6005242040207	10 pcs.	710-00207
FLEX18GNYE	0.18	19.0	20.0 m	Green yellow	4031026436685	10 pcs.	710-00210
FLEX18RP	0.18	19.0	20.0 m	Rainbow pack	4031026573618	10 pcs.	710-00215

All dimensions in mm. Subject to technical changes.





Flex Series — Vinyl Electrical Tapes For Higher Mechanical Requirements

HelaTape Flex 20

Features and benefits

- Vinyl electrical tape with strong rubber adhesive
- Suitable for mechanical and electrical applications up to 1000 Volt
- 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	45 kV/mm
Adhesion to Steel	2.5 N/10 mm
Adhesion to Backing	2.5 N/10 mm
Elongation at break	260 %
Breaking Strength	40 N/10 mm
Operating Temperature	-10 °C to +90 °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.



Flex Series — Vinyl Electrical Tapes For Higher Mechanical Requirements

HelaTape Flex 25

Features and benefits

- Vinyl film coated with high quality rubber adhesive
- Extra high material thickness
- Highly resistant to sun, water, oil, acids, alkalies, corrosive chemicals
- Used for insulation, protection, fixing, maintenance and more
- Superior vinyl tape with excellent all-weather performance
- Flame retardant according to UL 510 Standard



HelaTape Flex 25 for higher abrasion resistance.

MATERIAL	Polyvinylchloride (PVC)
Dielectric Strength	45 kV/mm
Adhesion to Steel	2.6 N/10 mm
Adhesion to Backing	2.6 N/10 mm
Elongation at break	240 %
Breaking Strength	46 N/10 mm
Operating Temperature	-10 °C to +90 °C



TYPE	Thickness (T)	Width (W)	Length (L)	Colour	Article-No.
HTAPE-FLEX25-19x33	0.25	19.0	33.0 m	Black (BK)	710-00450
HTAPE-FLEX25-38x33	0.25	38.0	33.0 m	Black (BK)	710-00451

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



Flex Series — Premium Vinyl Electrical Tape

HelaTape Flex 1000+

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 and more
- Pressure sensitive high quality rubber based adhesive
- Performs continuously at low temperature environment
- 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	27 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+ 19x6	0.18	19.0	6.0 m	Black (BK)	710-10600
HTAPE-FLEX1000+ 19x20 PACK	0.18	19.0	20.0 m	Black (BK)	710-10601
HTAPE-FLEX1000+ 19x20	0.18	19.0	20.0 m	Black (BK)	710-10602
HTAPE-FLEX1000+ C 19x20	0.18	19.0	20.0 m	Blue (BU)	710-10603
	0.18	19.0	20.0 m	Brown (BN)	710-10608
	0.18	19.0	20.0 m	Green (GN)	710-10606
	0.18	19.0	20.0 m	Green-Yellow (GNYE)	710-10612
	0.18	19.0	20.0 m	Grey (GY)	710-10609
	0.18	19.0	20.0 m	Red (RD)	710-10604
	0.18	19.0	20.0 m	White (WH)	710-10607
HTAPE-FLEX1000+ 19x33	0.18	19.0	33.0 m	Black (BK)	710-10610
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.

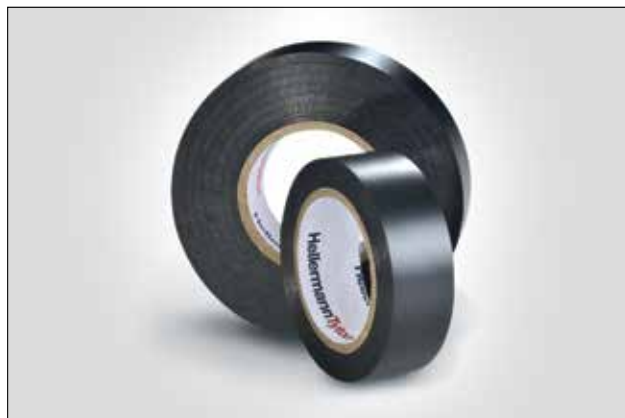


Flex Series — Premium Heavy Duty Vinyl Electrical Tape

HelaTape Flex 2000+

Features and benefits

- All-weather, highly flexible, professional grade, self-adhesive vinyl electrical tape with higher thickness for more mechanical and electrical protection
- Excellent performance and durability over wide temperature range from -18 °C to +105 °C according to CSA C22.2
- Pressure sensitive and aggressive high quality rubber based adhesive
- Performs continuously at low temperature environment
- Flame retardant according to UL 510 Standard
- Excellent resistance to abrasion, moisture, chemicals, corrosion and UV exposure
- Primary electrical insulation for all wire and cable splices up to 1 kV



HelaTape Flex 2000+ is the best choice for professional installation.

MATERIAL	Polyvinylchloride (PVC)
Dielectric Strength	48 kV/mm
Adhesion to Steel	3.1 N/10 mm
Adhesion to Backing	2.4 N/10 mm
Elongation at break	300 %
Breaking Strength	40 N/10 mm
Operating Temperature	-18 °C to +105 °C



TYPE	Thickness (T)	Width (W)	Length (L)	Colour	Article-No.
HTAPE-FLEX2000+19x20	0.21	19.0	20.0 m	Black (BK)	710-10701
HTAPE-FLEX2000+38x20	0.21	38.0	20.0 m	Black (BK)	710-10705

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



Wrap Series — Vinyl Electrical Tapes For Corrosion Protection

HelaTape Wrap 25

Features and benefits

- Special adhesive with excellent protection against corrosion
- Complete environmental, mechanical and electrical protection
- Highly resistant to UV, water, oil, most chemicals, bacteria and fungus
- Used for pipes, tubes, and conduits in outside and underground applications



HelaTape Wrap 25 protects against all types of corrosion.

MATERIAL	Polyvinylchloride (PVC)
Dielectric Strength	40 kV/mm
Adhesion to Steel	2.2 N/10 mm
Adhesion to Backing	2.0 N/10 mm
Elongation at break	200 %
Breaking Strength	44 N/10 mm
Operating Temperature	-10 °C to +90 °C

RoHS ✓

PART NO.	Thickness (T)	Width (W)	Length (L)	Colour	Article-No.
HTAPE-WRAP25-50x30	0.25	50.0	30.0 m	Black (BK)	710-10802

All dimensions in mm. Subject to technical changes.



Wrap Series — Vinyl Electrical Tapes For Wire Harness

HelaTape HWT10

Features and Benefits

- Flame retardant
- Pressure sensitive
- Rubber sensitive
- PVC carrier
- Highly comfortable
- Low VOC
- Meet RoHS & REACH
- Available in many different colours



Highly flexible and with good adhesion levels, HelaTape HWT10 can be used in several applications.

MATERIAL	Polyvinylchloride (PVC)
Dielectric Strength	40 kV/mm
Adhesion to Steel	1.2 N/cm
Adhesion to Backing	1.4 N/cm
Elongation at break	180 %
Tensile Strength	16 N/cm
Operating Temperature	-25 °C to +105 °C



PART NO.	Thickness (T)	Width (W)	Length (L)	Colour
HWT10-9X25	0.10	9.0	25.0 m	Black (BK) Blue (BU) Red (RD) Yellow (YE) Green (GN) White (WH) Grey (GY)
HWT10-19X25	0.10	19.0	25.0 m	
HWT10-25X25	0.10	25.0	25.0 m	
HWT10-9X33	0.10	9.0	33.0 m	
HWT10-19X33	0.10	19.0	33.0 m	
HWT10-25X33	0.10	25.0	33.0 m	

All dimensions in mm. Subject to technical changes.



Wrap Series — Vinyl Electrical Tapes For Wire Harness

HelaTape HWT12

Features and Benefits

- Hanking and easy to tear 10mm notched
- Rubber adhesive
- PVC carrier
- Highly conformable
- Available in many different colours
- Low VOC
- Conforms to LV312 specifications
- Meets SGM TS-INT-001-2012
- Meet RoHS & REACH



Highly flexible and with good adhesion levels, HelaTape HWT12 can be used in several applications.

MATERIAL	Polyvinylchloride (PVC)
Dielectric Strength	40 kV/mm
Adhesion to Steel	1.2 N/cm
Adhesion to Backing	1.4 N/cm
Elongation at break	200 %
Tensile Strength	20 N/cm
Operating Temperature	-25 °C to +105 °C



PART NO.	Thickness (T)	Width (W)	Length (L)	Colour
HWT12-10X20	0.12	10.0	20.0 m	Black (BK) Grey (GY) White (WH)
HWT12-12X20	0.12	12.0	20.0 m	Yellow (YE) Orange (OG) Dark Orange (DKOG)
HWT12-15X20	0.12	15.0	20.0 m	Blue (BU) Light Blue (LTBU) Violet (VT)
HWT12-19X20	0.12	19.0	20.0 m	Red (RD) Pink (PK) Light Green (LTGN)
HWT12-25X20	0.12	25.0	20.0 m	Dark Green (DKGN) Olive (OL) Beige (BG)
HWT12-32X20	0.12	32.0	20.0 m	Brown (BN)

All dimensions in mm. Subject to technical changes.



Shield Series — Conductive Tapes For High Voltage Splices and Terminations

HelaTape Shield 310

Features and benefits

- Self-amalgamating conducting tape made from ethylene propylene rubber
- Provides good conducting properties
- Prevents partial discharges
- Moisture and UV-resistant and easy to apply
- Replacement for semiconducting layer underneath the metallic shield in case of repairs and connections of medium to high voltage cables



HelaTape Shield 310 self-amalgamating conducting tape for shielding high voltage splices and terminations.

MATERIAL	Ethylene Propylene Rubber (EPR)
Operating Temperature	+90 °C
Intermittent Operating Temperature	+130 °C
Water Absorption	0.02 %
Elongation at break	500 %
Volume Resistance	870 Ω cm



TYPE	Thickness (T)	Width (W)	Length (L)	Colour	Article-No.
HTAPE-SHIELD310	0.76	19.0	4.6 m	Black (BK)	711-10000
	0.76	38.0	9.1 m	Black (BK)	711-10001

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



Shield Series — Conductive Tapes Copper Shielding Braid

HelaTape Shield 320

Features and benefits

- Copper shielding braid, tin-plated
- Quick and easy to use due to copper knit-mesh design
- Excellent conformability
- Good electromagnetic properties
- Used for splices and terminations of shielded cables



HelaTape Shield 320 provides good electromagnetic shielding.

MATERIAL	Tin-plated copper (TNCU)
Elongation at break	5 %



TYPE	Thickness (T)	Width (W)	Length (L)	Colour	Article-No.
HTAPE-SHIELD320	0.45	25.0	4.6 m	Natural (NA)	711-10002

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



Power Series — Self-amalgamating Tapes Low Voltage Rubber Tape

HelaTape Power 600

Features and benefits

- Self-amalgamating low voltage rubber tape
- Primary insulation at not more than 1 kV
- Easily suitable to irregular shapes and surfaces
- Compatible with all extruded dielectric cable insulations
- Weather resistant and flame retardant according to UL 510
- Recommended use in conjunction with HelaTape Flex for mechanical protection



HelaTape Power 600 is a self-amalgamating low voltage rubber tape.

MATERIAL	Natural Rubber (NR)
Operating Temperature	+80 °C
Intermittent Operating Temperature	+95 °C
Tensile Strength	2 N/mm ²
Elongation at break	300 %
Dielectric Strength	14 kV/mm



TYPE	Thickness (T)	Width (W)	Length (L)	Colour	Article-No.
HTAPE-POWER600-19x6.7	0.76	19.0	6.7 m	Black (BK)	711-10200
HTAPE-POWER600-38x6.7	0.76	38.0	6.7 m	Black (BK)	711-10201

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





Power Series —Self-amalgamating Tapes Electrical Insulation Mastic

HelaTape Power 650

Features and benefits

- Self-amalgamating insulation compound for sealing and padding cable jackets up to 1 kV
- Easily moulded by hand to conform to irregular shapes even during low temperatures
- Permanently elastic and resistant to aging
- Perfect adhesion to metal and all types of cable insulations and jackets
- Provides excellent moisture sealing
- Resistant to salt water, ozone, oil and corrosive chemicals
- Recommended use with HelaTape Flex vinyl electrical tape for mechanical protection



HelaTape Power 650 self-amalgamating mastic is highly flexible.

MATERIAL	Isobutene-Isoprene-Rubber (butyl rubber) (IIR)
Operating Temperature	+90 °C
Intermittent Operating Temperature	+130 °C
Water Absorption	0.1 %
Volume Resistance	10 ¹⁵ Ω cm
Dielectric Strength	19.7 kV/mm



TYPE	Thickness (T)	Width (W)	Length (L)	Colour	Article-No.
HTAPE-POWER650	3.20	38.0	1.5 m	Black (BK)	711-10300

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



Power Series —Self-amalgamating Tapes Medium Voltage Rubber Tape

HelaTape Power 700 (PIBR)

Features and benefits

- Polyisobutylene-based self-amalgamating medium voltage tape
- Insulating and jacketing power cables up to 46 kV
- Provides electrical stability and permanent moisture sealing
- Perfect stretching properties allows fast and uniform application
- Excellent UV, moisture, corrosion and chemical resistance
- Temperature range from -40 °C to +90 °C
- Compatible with all extruded cable insulation materials



HelaTape Power 700 is a self-amalgamating medium voltage rubber tape.

MATERIAL	Polyisobutylene Rubber (PIBR)
Operating Temperature	+90 °C
Water Absorption	0.02 %
Tensile Strength	2.4 N/mm ²
Elongation at break	700 %
Volume Resistance	10 ¹³ Ω cm
Dielectric Strength	35 kV/mm



PART NO.	Thickness (T)	Width (W)	Length (L)	Colour	Article-No.
HTAPE-POWER700	0.50	19.0	10.0 m	Black (BK)	711-00308

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



Power Series —Self-amalgamating Tapes Silicone Rubber Tape

HelaTape Power 800

Features and benefits

- Self-amalgamating and self-cleaning, chemically cross-linked silicone rubber tape
- Triangular cross-section with centre line for precise half-overlapping
- Resistant to creepage and surface erosion
- Fuses into solid mass after application
- Weather, UV and oil resistant
- Recommended use for high temperature silicone insulated cables and outdoor machinery and transformers



HelaTape Power 800 is a silicone rubber tape with triangular cross-section.

MATERIAL	Silicone (SI)
Operating Temperature	+180 °C
Tensile Strength	7 N/mm ²
Elongation at break	400 %
Volume Resistance	10 ¹⁴ Ω cm
Dielectric Strength	23.5 kV/mm



TYPE	Thickness (T)	Width (W)	Length (L)	Colour	Article-No.
HTAPE-POWER800	0.51	25.0	9.1 m	Grey (GY)	711-10400

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

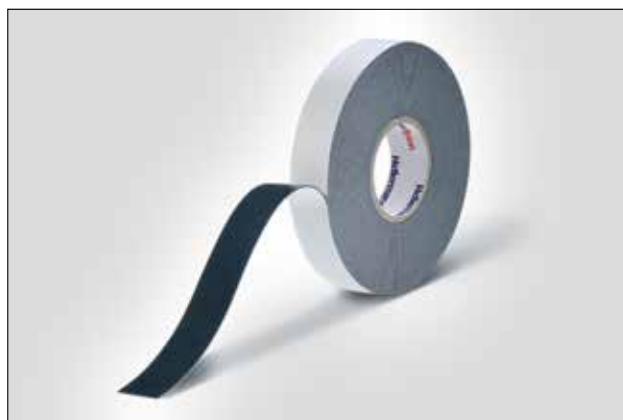


Power Series — Self-amalgamating Tapes For Insulation up to 69 kV

HelaTape Power 810

Features and benefits

- Self-amalgamating tape for insulating and jacketing splices up to 69 kV
- Halogen-free with outstanding corona, ozone and UV-resistance
- Ideal for sealing of terminations, electrical connections, and cable jacket repair
- Void-free, electrically stable layering
- Protects bus bar components
- Excellent moisture, corrosion and chemical resistance
- Compatible with all extruded cable insulations



HelaTape Power 810 for primary insulation up to 69 kV.

MATERIAL	Ethylene Propylene Rubber (EPR)
Operating Temperature	+90 °C
Intermittent Operating Temperature	+130 °C
Water Absorption	0.06 %
Tensile Strength	2.4 N/mm ²
Elongation at break	750 %
Volume Resistance	10 ¹⁶ Ω cm
Dielectric Strength	30 kV/mm



TYPE	Thickness (T)	Width (W)	Length (L)	Colour	Article-No.
HTAPE-POWER810	0.76	19.0	9.1 m	Black (BK)	711-10401

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



Power Series —Self-amalgamating Tapes For Insulation up to 69 kV (Linerless)

HelaTape Power 820

Features and benefits

- Self-amalgamating, linerless tape for insulating and jacketing splices up to 69 kV
- Excellent electrical, chemical and physical properties
- Building stress cones and jacketing of terminations, bus bars and joints
- Quicker application due to linerless design
- Uniform and void-free layering
- Very flexible to conform to the most complex shapes
- Compatible with all extruded cable insulations



HelaTape Power 820 provides substantial time saving due to the linerless design.

MATERIAL	Ethylene Propylene Rubber (EPR)
Operating Temperature	+90 °C
Intermittent Operating Temperature	+130 °C
Water Absorption	0.06 %
Tensile Strength	2.8 N/mm ²
Elongation at break	750 %
Volume Resistance	10 ¹⁶ Ω cm
Dielectric Strength	31.5 kV/mm



TYPE	Thickness (T)	Width (W)	Length (L)	Colour	Article-No.
HTAPE-POWER820	0.76	19.0	9.1 m	Black (BK)	711-10402

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



Power Series — Self-amalgamating Tapes Jacket Repair Wrap

HelaTape Power 31

Features and Benefits

- For jacket repair and restoration on all types of mine trailing cable through 35 kV
- Used in buried power cable, and communication cable
- Sealing and repairing cable conduit
- Excellent abrasion and flame resistance
- UV resistant
- Oil and chemical resistant
- Excellent moisture seal
- No heat required
- Will not corrode copper or aluminum



HelaTape Power 31 jacket repair mining tape.

PART NO.	Thickness (T)	Width (W)	Length (L)	Colour
HTAPE-POWER31	1.27	51	2.6 m	Black (BKHTAPE-)



Tex Series —Textile Tapes PE Coated Cloth Tapes

HelaTape Tex – Textile tape

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 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-12x50	0.31	12.0	50.0 m	Black (BK)	712-00304
	0.31	12.0	50.0 m	Blue (BU)	712-00300
	0.31	12.0	50.0 m	Green (GN)	712-00303
	0.31	12.0	50.0 m	Grey (GY)	712-00306
	0.31	12.0	50.0 m	Red (RD)	712-00301
	0.31	12.0	50.0 m	White (WH)	712-00305
	0.31	12.0	50.0 m	Yellow (YE)	712-00302
HTAPE-TEX-15x25	0.31	15.0	25.0 m	Black (BK)	712-00054
	0.31	15.0	25.0 m	Blue (BU)	712-00050
	0.31	15.0	25.0 m	Green (GN)	712-00053
	0.31	15.0	25.0 m	Grey (GY)	712-00056
	0.31	15.0	25.0 m	Red (RD)	712-00051
	0.31	15.0	25.0 m	White (WH)	712-00055
	0.31	15.0	25.0 m	Yellow (YE)	712-00052
HTAPE-TEX-15x50	0.31	15.0	50.0 m	Black (BK)	712-00404
	0.31	15.0	50.0 m	Blue (BU)	712-00400
	0.31	15.0	50.0 m	Green (GN)	712-00403
	0.31	15.0	50.0 m	Grey (GY)	712-00406
	0.31	15.0	50.0 m	Red (RD)	712-00401
	0.31	15.0	50.0 m	White (WH)	712-00405
	0.31	15.0	50.0 m	Yellow (YE)	712-00402
HTAPE-TEX-19x10	0.31	19.0	10.0 m	Black (BK)	712-00204
	0.31	19.0	10.0 m	Blue (BU)	712-00200
	0.31	19.0	10.0 m	Green (GN)	712-00203
	0.31	19.0	10.0 m	Grey (GY)	712-00206
	0.31	19.0	10.0 m	Red (RD)	712-00201
	0.31	19.0	10.0 m	White (WH)	712-00205
	0.31	19.0	10.0 m	Yellow (YE)	712-00202

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



Textile Tapes

HelaTape Tex – Textile tape

TYPE	Thickness (T)	Width (W)	Length (L)	Colour	Article-No.
HTAPE-TEX-19x25	0.31	19.0	25.0 m	Black (BK)	712-00154
	0.31	19.0	25.0 m	Blue (BU)	712-00150
	0.31	19.0	25.0 m	Green (GN)	712-00153
	0.31	19.0	25.0 m	Grey (GY)	712-00156
	0.31	19.0	25.0 m	Red (RD)	712-00151
	0.31	19.0	25.0 m	White (WH)	712-00155
	0.31	19.0	25.0 m	Yellow (YE)	712-00152
HTAPE-TEX-19x50	0.31	19.0	50.0 m	Black (BK)	712-00504
	0.31	19.0	50.0 m	Blue (BU)	712-00500
	0.31	19.0	50.0 m	Green (GN)	712-00503
	0.31	19.0	50.0 m	Grey (GY)	712-00506
	0.31	19.0	50.0 m	Red (RD)	712-00501
	0.31	19.0	50.0 m	White (WH)	712-00505
	0.31	19.0	50.0 m	Yellow (YE)	712-00502
HTAPE-TEX-25x25	0.31	25.0	25.0 m	Black (BK)	712-00254
	0.31	25.0	25.0 m	Blue (BU)	712-00250
	0.31	25.0	25.0 m	Green (GN)	712-00253
	0.31	25.0	25.0 m	Grey (GY)	712-00256
	0.31	25.0	25.0 m	Red (RD)	712-00251
	0.31	25.0	25.0 m	White (WH)	712-00255
	0.31	25.0	25.0 m	Yellow (YE)	712-00252
HTAPE-TEX-25x50	0.31	25.0	50.0 m	Black (BK)	712-00604
	0.31	25.0	50.0 m	Blue (BU)	712-00600
	0.31	25.0	50.0 m	Green (GN)	712-00603
	0.31	25.0	50.0 m	Grey (GY)	712-00606
	0.31	25.0	50.0 m	Red (RD)	712-00601
	0.31	25.0	50.0 m	White (WH)	712-00605
	0.31	25.0	50.0 m	Yellow (YE)	712-00602
HTAPE-TEX-50x25	0.31	50.0	25.0 m	Black (BK)	712-00354
	0.31	50.0	25.0 m	Blue (BU)	712-00350
	0.31	50.0	25.0 m	Green (GN)	712-00353
	0.31	50.0	25.0 m	Grey (GY)	712-00356
	0.31	50.0	25.0 m	Red (RD)	712-00351
	0.31	50.0	25.0 m	White (WH)	712-00355
	0.31	50.0	25.0 m	Yellow (YE)	712-00352
HTAPE-TEX-50x50	0.31	50.0	50.0 m	Black (BK)	712-00904
	0.31	50.0	50.0 m	Blue (BU)	712-00900
	0.31	50.0	50.0 m	Green (GN)	712-00903
	0.31	50.0	50.0 m	Grey (GY)	712-00906
	0.31	50.0	50.0 m	Red (RD)	712-00901
	0.31	50.0	50.0 m	White (WH)	712-00905
	0.31	50.0	50.0 m	Yellow (YE)	712-00902

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



Protect Series — Wire Harness Tape Strong, High Temperature Cloth Tape

HelaTape Protect 250



HelaTape Protect 250 is designed for cable harnessing and offers a very high temperature resistance.

Features and benefits

- High temperature Polyester Fabric harnessing tape
- Special acrylate-based adhesive offers very good heat and media resistance
- Very high temperature stability from -40 °C to +150 °C
- Temperature and humidity resistance tested according to LV312
- Very good resistance against abrasion
- Material is very flexible and easy to handle
- Excellent ageing resistance, stable against rotting

MATERIAL	Polyester (PET)
Operating Temperature	-40 °C to +150 °C
Adhesion to Steel	2.5 N/10 mm
Adhesion to Backing	2 N/10 mm
Elongation at break	15 %
Breaking Strength	180 N/10 mm



Protect Series — Wire Harness Tape Soft and Flexible Fleece Tape

HelaTape Protect 300



HelaTape Protect 300 provides high noise reduction and media resistance.

Features and benefits

- Soft Polyester Fleece harnessing tape
- High noise reduction and very high resistance against abrasion
- Synthetic rubber based adhesive offers good heat and media resistance
- High temperature stability from -40 °C to +105 °C
- Material is very flexible and tearable by hand
- Excellent ageing resistance and stable against rotting

MATERIAL	Polyester (PET)
Operating Temperature	-40 °C to +105 °C
Adhesion to Steel	2 N/10 mm
Adhesion to Backing	2 N/10 mm
Elongation at break	10 %
Breaking Strength	30 N/10 mm



HelaTape Protect 250

PART NO.	Thickness (T)	Width (W)	Length (L)	Colour	Article-No.
HTAPE-PROTECT250	0.25	19.0	25.0 m	Black (BK)	712-10003

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

HelaTape Protect 300

PART NO.	Thickness (T)	Width (W)	Length (L)	Colour	Article-No.
HTAPE-PROTECT300	0.30	19.0	25.0 m	Black (BK)	712-10001

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



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