



HelaTape

HellermannTyton offers a wide range of PVC and rubber tapes for sealing, insulation and bundling of cable and conduits. PVC based tapes are designed for low voltage applications and available in a variety of dimensions and colours. Rubber tapes are best suited for sealing and insulating of cables and splices from low to very high voltage.

Electrical Tapes PVC

- HelaTape Flex 15 - all purpose PVC tape

Features and Benefits

- Insulation tape in several colours
- Highly flexible with good adhesion level
- Flame retardant
- Suitable for mechanical and electrical applications up to 600 volts



One Step to the Web!



Highly flexible and with good adhesion levels HelaTape Flex 15 can be used in several applications.

MATERIAL	Polyvinylchloride (PVC)
Dielectric Strength	40 kV/mm
Adhesion to Steel	2.0 N/10 mm
Adhesion to Backing	1.8 N/10 mm
Elongation at break	200 %
Breaking Strength	24 N/10 mm
Operating Temperature	+90 °C

RoHS

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
HTAPE-FLEX15-MX15x10	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
HTAPE-FLEX15-15x10	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.



Electrical Tapes PVC

- HelaTape Flex 15 - all purpose PVC tape

TYPE	Thickness (T)	Width (W)	Length (L)	Colour	Article-No.
HTAPE-FLEX15-15x25	0.15	15.0	25.0 m	Black (BK)	710-00115
	0.15	15.0	25.0 m	Blue (BU)	710-00111
	0.15	15.0	25.0 m	Brown (BN)	710-00118
	0.15	15.0	25.0 m	Green (GN)	710-00114
	0.15	15.0	25.0 m	Green-Yellow (GNYE)	710-00117
	0.15	15.0	25.0 m	Grey (GY)	710-00119
	0.15	15.0	25.0 m	Red (RD)	710-00112
	0.15	15.0	25.0 m	Violet (VT)	710-00120
	0.15	15.0	25.0 m	White (WH)	710-00116
	0.15	15.0	25.0 m	Yellow (YE)	710-00113
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-FLEX15-25x25	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	Violet (VT)	710-00142
	0.15	25.0	25.0 m	White (WH)	710-00138
	0.15	25.0	25.0 m	Yellow (YE)	710-00135

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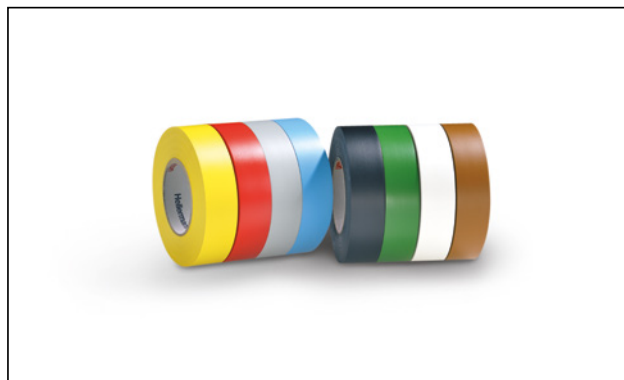


Electrical Tapes PVC

- **HelaTape Flex 1000+ premium PVC tape**

Features and Benefits

- All-weather, professional grade, self-adhesive vinyl tape
- Excellent performance over wide range of temperatures
- Flame retardant
- Primary insulation for splices up to 600 volts
- Protective outer jacket over splices and all low temperature applications



HelaTape Flex 1000+ provides excellent performance over a wide range of temperatures.

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	280 %
Breaking Strength	30 N/10 mm
Operating Temperature	-18 °C to +105 °C

RoHS ✓

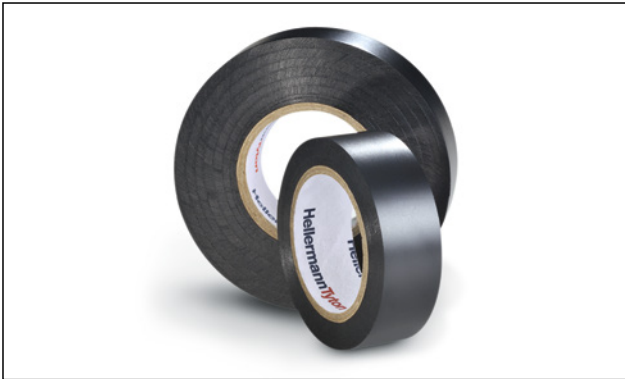
TYPE	Thickness (T)	Width (W)	Length (L)	Colour	Article-No.
HTAPE-FLEX1000+19x6	0.18	19.0	6.0 m	Black (BK)	710-00600
HTAPE-FLEX1000+19x10	0.18	19.0	10.0 m	Black (BK)	710-00601
HTAPE-FLEX1000+19x20	0.18	19.0	20.0 m	Black (BK)	710-00602
	0.18	19.0	20.0 m	Blue (BU)	710-00603
	0.18	19.0	20.0 m	Brown (BN)	710-00609
	0.18	19.0	20.0 m	Green (GN)	710-00606
	0.18	19.0	20.0 m	Grey (GY)	710-00611
	0.18	19.0	20.0 m	Red (RD)	710-00604
	0.18	19.0	20.0 m	White (WH)	710-00607
	0.18	19.0	20.0 m	Yellow (YE)	710-00605
HTAPE-FLEX1000+19x33	0.18	19.0	33.0 m	Black (BK)	710-00612
HTAPE-FLEX1000+50x33	0.18	50.0	33.0 m	Black (BK)	710-00613

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



Electrical Tapes PVC

- **HelaTape Flex 2000+ premium PVC tape for higher mechanical demands**



As primary insulation for splices up to 600 volts, HelaTape Flex 2000+ is the best choice.

Features and Benefits

- All-weather professional grade self-adhesive vinyl tape
- Flame retardant
- 0.21 mm for heavier thickness and more mechanical and electrical protection
- Primary insulation for splices up to 600 volts
- Excellent cold weather performance

MATERIAL	Polyvinylchloride (PVC)
Dielectric Strength	48 kV/mm
Adhesion to Steel	2.2 N/10 mm
Adhesion to Backing	2.0 N/10 mm
Elongation at break	300 %
Breaking Strength	35 N/10 mm
Operating Temperature	-18 °C to +105 °C



Electrical Tapes PVC

- **HelaTape Flex 20 - PVC tape for higher mechanical demands**



HelaTape Flex 20 - Additional thickness allows for quicker layering.

Features and Benefits

- Special high level adhesive
- Flame retardant
- Suitable for mechanical and electrical applications up to 600 volts
- Additional thickness for quicker layering and added abrasion resistance

MATERIAL	Polyvinylchloride (PVC)
Dielectric Strength	45 kV/mm
Adhesion to Steel	4.0 N/10 mm
Adhesion to Backing	3.8 N/10 mm
Elongation at break	220 %
Breaking Strength	38 N/10 mm
Operating Temperature	+105 °C



- **HelaTape Flex 2000+ premium PVC tape for higher mechanical demands**

TYPE	Thickness (T)	Width (W)	Length (L)	Colour	Article-No.
HTAPE-FLEX2000+19x6	0.21	19.0	6.0 m	Black (BK)	710-00700
HTAPE-FLEX2000+19x20	0.21	19.0	20.0 m	Black (BK)	710-00701
HTAPE-FLEX2000+25x33	0.21	25.0	33.0 m	Black (BK)	710-00702
HTAPE-FLEX2000+38x33	0.21	38.0	33.0 m	Black (BK)	710-00703

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

- **HelaTape Flex 20 - PVC tape for higher mechanical demands**

TYPE	Thickness (T)	Width (W)	Length (L)	Colour	Article-No.
HTAPE-FLEX20-19x20	0.20	19.0	20.0 m	Black (BK)	710-00300

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



Electrical Tapes PVC

- HelaTape Flex 23 - PVC tape for higher mechanical demands



HelaTape Flex 23 for higher mechanical and electrical demands.

Features and Benefits

- Special high level adhesive
- Flame retardant
- Suitable for mechanical and electrical applications up to 600 volts
- Additional thickness for quicker build-up and added abrasion resistance

MATERIAL	Polyvinylchloride (PVC)
Dielectric Strength	48 kV/mm
Adhesion to Steel	4.0 N/10 mm
Adhesion to Backing	3.8 N/10 mm
Elongation at break	240 %
Breaking Strength	45 N/10 mm
Operating Temperature	+105 °C

RoHS

Electrical Tapes PVC

- HelaTape Flex 40 - PVC tape for higher mechanical demands



HelaTape Flex 40 for higher abrasion resistance.

Features and Benefits

- Special high level adhesive
- Flame retardant
- Suitable for mechanical and electrical applications up to 600 volts
- Additional thickness for quicker build-up and added abrasion resistance

MATERIAL	Polyvinylchloride (PVC)
Dielectric Strength	35 kV/mm
Adhesion to Steel	4.2 N/10 mm
Adhesion to Backing	4.0 N/10 mm
Elongation at break	280 %
Breaking Strength	86 N/10 mm
Operating Temperature	+105 °C

RoHS

- HelaTape Flex 23 - PVC tape for higher mechanical demands

TYPE	Thickness (T)	Width (W)	Length (L)	Colour	Article-No.
HTAPE-FLEX23-19x33	0.23	19.0	33.0 m	Black (BK)	710-00401
HTAPE-FLEX23-38x33	0.23	38.0	33.0 m	Black (BK)	710-00403

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

- HelaTape Flex 40 - PVC tape for higher mechanical demands

TYPE	Thickness (T)	Width (W)	Length (L)	Colour	Article-No.
HTAPE-FLEX40-50x30	0.40	50.0	30.0 m	Black (BK)	710-00500

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



Electrical Tapes PVC

- **HelaTape Wrap 25 - PVC tape for corrosion protection**



HelaTape Wrap 25 can be used for both overhead and direct burial applications.

Features and Benefits

- Special adhesive
- Excellent protection against corrosion
- Complete environmental, mechanical and electrical protection
- Resistant to UV, bacteria and fungus
- Used for both overhead and direct burial applications

MATERIAL	Polyvinylchloride (PVC)
Dielectric Strength	40 kV/mm
Adhesion to Steel	2.4 N/10 mm
Adhesion to Backing	2.0 N/10 mm
Elongation at break	250 %
Breaking Strength	48 N/10 mm
Operating Temperature	+105 °C

RoHS ✓

HelaTape Shield - Conductive tapes

- **HelaTape Shield 310 - self-amalgamating, conductive tape for shielding**



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

Features and Benefits

- 0.76 mm self-amalgamating, ethylene propylene rubber conducting tape
- Shields high-voltage splices and terminations
- Excellent conducting properties
- Prevents corona effect
- Moisture and UV-resistant and easy to apply
- Used for rebuilding strand and insulation shields on high-voltage splices

MATERIAL	Ethylene Propylene Rubber (EPR)
Operating Temperature	+90 °C
Intermittent Operating Temperature	+130 °C
Water Absorption	0.02 %
Tensile Strength	2.0 MPa
Elongation at break	600 %
Volume Resistance	870 Ω cm

HF ✓

RoHS ✓

- **HelaTape Wrap 25 - PVC tape for corrosion protection**

TYPE	Thickness (T)	Width (W)	Length (L)	Colour	Article-No.
HTAPE-WRAP25-25x30	0.25	25.0	30.0 m	Black (BK)	710-00800
HTAPE-WRAP25-38x30	0.25	38.0	30.0 m	Black (BK)	710-00801
HTAPE-WRAP25-50x30	0.25	50.0	30.0 m	Black (BK)	710-00802
HTAPE-WRAP25-100x30	0.25	100.0	30.0 m	Black (BK)	710-00803

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

- **HelaTape Shield 310 - self-amalgamating, conductive tape for shielding**

TYPE	Thickness (T)	Width (W)	Length (L)	Colour	Article-No.
HTAPE-SHIELD310	0.76	19.0	4.6 m	Black (BK)	711-00000
	0.76	38.0	9.1 m	Black (BK)	711-00001

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



HelaTape Shield - Conductive tapes

- HelaTape Shield 320 - tinned copper tape for shielding



HelaTape Shield 320 provides good electromagnetic shielding.

Features and Benefits

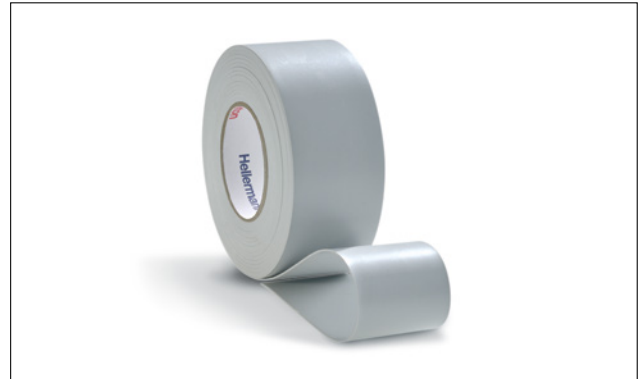
- All-copper knit mesh
- Excellent pliability when applied in the field
- Easy application
- Good electromagnetic shielding

MATERIAL	Tin Plated copper
Elongation at break	5 %

HF ✓ RoHS ✓

HelaTape Power - Rubber and higher voltage tapes

- HelaTape Power 410 - arc and fireproofing tape



HelaTape Power410 is an unsupported, liner less, elastomeric tape possessing superior arc and flame resistance.

Features and Benefits

- Unsupported, linerless, elastomeric tape
- Superior arc and flame resistance
- For cable protection in all type of applications
- Excellent flexibility and conformability for easy application
- Creates insulating residue when exposed to severe flame conditions
- Water, chemical and UV resistant

MATERIAL	Elastomer (PM)
Tensile Strength	8 MPa
Elongation at break	300 %

HF ✓ RoHS ✓

- HelaTape Shield 320 - tinned copper tape for shielding

TYPE	Width (W)	Length (L)	Colour	Article-No.
HTAPE-SHIELD320	25.0	4.6 m	Natural (NA)	711-00002

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

- HelaTape Power 410 - arc and fireproofing tape

TYPE	Thickness (T)	Width (W)	Length (L)	Colour	Article-No.
HTAPE-POWER410	0.76	38.0	6.0 m	Grey (GY)	711-00100

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



HelaTape Power - Rubber and higher voltage tapes

- HelaTape Power 420 - thermal class fabric tape



HelaTape Power 420 is a woven glass fabric tape with a service temperature rating of 130°C.

Features and Benefits

- Woven glass fabric tape with thermosetting rubber-based self adhesive
- High tensile strength
- Excellent tear and abrasion resistance
- Operating temperature rating of 130°C

MATERIAL	Glassfibre Cloth (GF-F)
Operating Temperature	+130 °C
Tensile Strength	6.5 MPa
Elongation at break	5 %



HelaTape Power - Rubber and higher voltage tapes

- HelaTape Power 600 low voltage tapes



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

Features and Benefits

- Self-amalgamating low-voltage rubber tape
- Primary insulation at not more than 600 volts
- Easily conforms to irregular shapes and surfaces,
- Void-free electrically stable layering
- Compatible with all extruded dielectric cable insulations

MATERIAL	Natural Rubber (NR)
Operating Temperature	+80 °C
Intermittent Operating Temperature	+95 °C
Tensile Strength	2.40 MPa
Elongation at break	450 %
Volume Resistance	10 ¹³ Ω cm
Dielectric Strength	25 kV/mm



- HelaTape Power 420 - thermal class fabric tape

TYPE	Thickness (T)	Width (W)	Length (L)	Colour	Article-No.
HTAPE-POWER420	0.18	19.0	20.0 m	White (WH)	711-00101

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

- HelaTape Power 600 low voltage tapes

TYPE	Thickness (T)	Width (W)	Length (L)	Colour	Article-No.
HTAPE-POWER600	0.76	19.0	6.7 m	Black (BK)	711-00200
	0.76	38.0	6.7 m	Black (BK)	711-00201

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



HelaTape Power - Rubber and higher voltage tapes

- HelaTape Power 750 - medium voltage mastic tape



HelaTape Power 750 is a self-amalgamating, medium-voltage insulating compound.

Features and Benefits

- Self-amalgamating, medium-voltage insulating compound
- For quick, void-free insulation layering
- Easily moulded by hand to conform to irregular shapes
- Primary insulation for splices up to 5 kV with other insulating tapes
- Ideal for covering split bolts, padding bus bar edges and connections
- Excellent seal against moisture

MATERIAL	Isobutene-Isoprene-Rubber (butyl rubber) (IIR)
Operating Temperature	+80 °C
Intermittent Operating Temperature	+95 °C
Water Absorption	0.13 %
Tensile Strength	0.35 MPa
Elongation at break	1000 %
Volume Resistance	10 ¹³ Ω cm



HelaTape Power - Rubber and higher voltage tapes

- HelaTape Power 800 - self-amalgamating silicone high voltage tape



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

Features and Benefits

- Self-amalgamating, 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 within minutes of application
- No adhesive coating
- Non-contaminating, self-cleaning surface

MATERIAL	Silicone (SI)
Operating Temperature	+180 °C
Tensile Strength	3.5 MPa
Elongation at break	400 %
Dielectric Strength	23.5 kV/mm



- HelaTape Power 750 - medium voltage mastic tape

TYPE	Thickness (T)	Width (W)	Length (L)	Colour	Article-No.
HTAPE-POWER750	3.20	38.0	1.5 m	Black (BK)	711-00300

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

- HelaTape Power 800 - self-amalgamating silicone high voltage tape

TYPE	Thickness (T)	Width (W)	Length (L)	Colour	Article-No.
HTAPE-POWER800	0.51	25.0	9.1 m	Grey (GY)	711-00400

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



HelaTape Power - Rubber and higher voltage tapes

- HelaTape Power 810 - self-amalgamating high voltage tape



HelaTape Power 810 enables jacketing splices up to 69 kV.

Features and Benefits

- 0.76 mm thick ethylene propylene rubber
- Self-amalgamating and jackets splices up to 69 kV
- Halogen-free with outstanding corona, ozone and UV-resistance
- Amalgamates quickly
- Void-free, electrically stable layering
- Ideal for water-proofing
- Excellent moisture, corrosion and chemical resistance

MATERIAL	Ethylene Propylene Rubber (EPR)
Operating Temperature	+90 °C
Intermittent Operating Temperature	+130 °C
Water Absorption	0.06 %
Tensile Strength	2.50 MPa
Elongation at break	930 %
Volume Resistance	10 ¹⁶ Ω cm
Dielectric Strength	35 kV/mm



HelaTape Power - Rubber and higher voltage tapes

- HelaTape Power 820 - self-amalgamating high voltage tape, linerless



The high-voltage tape HelaTape Power 820 yields a uniform and void-free build-up.

Features and Benefits

- Ethylene rubber-based, high-voltage tape
- Excellent electrical, chemical and physical properties
- Liner-less, self-bonding tape
- Much quicker taping speeds tapes with liner
- Uniform and void-free layering
- Excellent stretch to conform to the most complex shapes and contours

MATERIAL	Ethylene Propylene Rubber (EPR)
Operating Temperature	+90 °C
Intermittent Operating Temperature	+130 °C
Water Absorption	0.06 %
Tensile Strength	3.30 MPa
Elongation at break	900 %
Volume Resistance	10 ¹⁶ Ω cm
Dielectric Strength	35 kV/mm



- HelaTape Power 810 - self-amalgamating high voltage tape

TYPE	Thickness (T)	Width (W)	Length (L)	Colour	Article-No.
HTAPE-POWER810	0.76	19.0	9.1 m	Black (BK)	711-00401

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

- HelaTape Power 820 - self-amalgamating high voltage tape, linerless

TYPE	Thickness (T)	Width (W)	Length (L)	Colour	Article-No.
HTAPE-POWER820	0.76	19.0	9.1 m	Black (BK)	711-00402

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

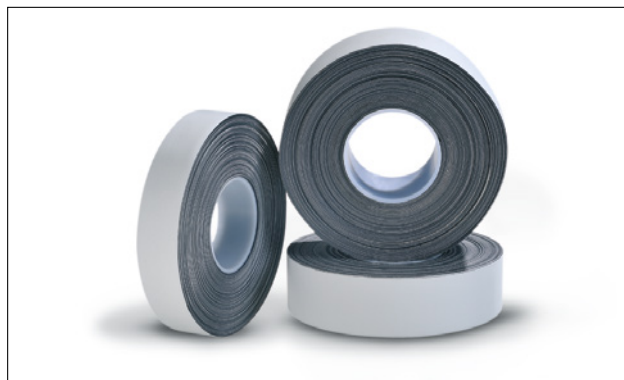


HelaTape Power - Rubber and higher voltage tapes

- HelaTape Power 900 extra high voltage tapes

Features and Benefits

- Ethylene rubber-based, high-voltage tape
- Superior electrical, chemical, mechanical and thermal properties
- Fuses quickly for void-free, electrically stable layering
- Insulates and jackets splices on power cables from 600 volts up to 138 kV
- To build stress cones and termination jackets on cables up to 35 kV
- Outstanding corona, ozone, chemical and corrosion resistance
- Withstands UV and cable impregnates



HelaTape Power 900 - For insulating and jacketing splices on power cables from 600 volts up to 138 kV.

MATERIAL	Ethylene Propylene Rubber (EPR)
Operating Temperature	+90 °C
Intermittent Operating Temperature	+130 °C
Water Absorption	0.02 %
Tensile Strength	3.5 MPa
Elongation at break	880 %
Volume Resistance	10 ¹⁶ Ω cm
Dielectric Strength	38 kV/mm



TYPE	Thickness (T)	Width (W)	Length (L)	Colour	Article-No.
HTAPE-POWER900	0.51	19.0	9.1 m	Black (BK)	711-00500
	0.51	25.0	9.1 m	Black (BK)	711-00501
	0.51	38.0	9.1 m	Black (BK)	711-00502

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