

maxwel
Maxwel Insulation Technology

CATALOGUE

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A photograph of a modern, multi-story building with a grid-like facade of windows and balconies. A semi-transparent blue overlay covers the right side of the image, containing white text. The text is centered and reads: 'Focus on the Application of Insulation Materials in' followed by two bullet points: '• Electrical' and '• Telecommunication Industry'. Below these bullet points is a thin white horizontal line. Underneath the line is a list of five items, each preceded by a small square bullet point: 'National High-Tech Enterprise', 'ISO9001:2015', 'ISO45001:2018', 'ISO14001:2015', and 'OEM & ODM Accepted'.

Focus on the Application of Insulation Materials in

- **Electrical**
- **Telecommunication Industry**

- National High-Tech Enterprise
- ISO9001:2015
- ISO45001:2018
- ISO14001:2015
- OEM & ODM Accepted



CHAPTER 1

Electrical Insulation and
Protection for Power
Cable Connection

KE40 Semi Conductive Tape

KE40 Semi conductive tape is made of low-resistivity and non-vulcanizing EPR material. It can uniform and reduce the electric field stress under high electrical field.



Features

- Self-amalgamating and Semi conducting
- Good elongation, conforming well to the irregular surface
- Maintain good conductivity after stretched

Application

- Uniform and reduce the electric field stress.
- Replace and repair semi conductive layer of cable and cable joint.
- As a shielding layer for solid dielectric insulated cables.

Sizes

19mm (W) x 0.76mm (T) x 4.5m (L) 25mm (W) x 0.76mm (T) x 5m (L)

Main Technical Parameters

Properties	Typical Value
Tensile Strength	1.5Mpa
Elongation at break	≥500%
Temperature	90°C
Volume resistivity	≤1x10 ³ Ω · cm

VERSAF32 Self Amalgamating Tape

VERSAF32 Tape is made from premium EPR (Ethylene Propylene Rubber), non-vulcanizing and shelf stable with excellent electrical properties. It can be used for insulating, splicing and terminating cables from 600 V to 69KV.

Features

- Self-amalgamating, Non-vulcanizing
- Highly Conformable, Shelf Stable
- Moisture-resistant Insulation, Waterproof
- Stable physical and electrical properties

Application

- Moisture-resistant insulation and waterproof sealing for electrical connections of high-voltage cables.
- For insulating, splicing and terminating cables up to 69KV, under 90°C continuous operating temperature and 130°C emergency overload temperature.

Sizes

19mm (W) x 0.76mm (T) x 9.1m (L) 38mm (W) x 0.76mm (T) x 4.57m (L)
25mm (W) x 0.5mm (T) x 10m (L) 50mm (W) x 0.76mm (T) x 10m (L)

Main Technical Parameters

Properties	Typical Value
Tensile Strength	>1.8Mpa
Elongation at break	>600%
Temperature	90°C
Dielectric Strength	≥32.5KV/mm



VERSAF22 Linerless Self Amalgamating Tape

VERSAF22 Tape is a linerless rubber splicing tape, made from premium EPR, non-vulcanizing and shelf stable with excellent electrical properties. It can be used for insulating, splicing and terminating cables from 600 V to 69KV.



Features

- Self-amalgamating, Non-vulcanizing
- Linerless, Easy to install
- Highly Conformable, Moisture-resistant Insulation
- Stable physical and electrical properties

Application

- Moisture-resistant insulation and waterproof sealing for electrical connections.
- For insulating, splicing and terminating cables up to 69KV, under 90°C continuous operating temperature and 130°C emergency overload temperature.

Sizes

19mm (W) x 0.76mm (T) x 9.1m (L) 38mm (W) x 0.76mm (T) x 9.1m (L)
25mm (W) x 0.76mm (T) x 9.1m (L)

Main Technical Parameters

Properties	Typical Value
Tensile Strength	1.72Mpa
Elongation at break	550%
Temperature	90°C
Dielectric Strength	31KV/mm

KE30S Self-Fusing Silicone Rubber Tape

KE30S is composed of excellent self-fusing silicone rubber with easy-tear liner. It has excellent electrical and physical properties, suitable for emergency and all-purpose repair.

Features

- Self-fusing rapidly
- Excellent electrical insulation property
- Wide temperature range , from -60°C to 260°C
- Waterproof, airtight, aging resistant, UV resistant
- RoHS 2.0 and Reach Compliance
- Pass 14 CFR § 25.853 Horizontal Buring Test

Application

- Insulation protection of high voltage cable and wire, single layer up to 8000V
- Suitable for emergency and all-purpose repairs in applications covering military, marine, automotive, industrial, home & garden, plumbing, etc.

Sizes

25mm (W) x 0.5mm (T) x 3m (L) 38mm (W) x 0.5mm (T) x 4.5m (L)
25mm (W) x 0.5mm (T) x 11m (L)

Main Technical Parameters

Properties	Typical Value
Tensile Strength	>5.0Mpa
Elongation at break	>500%
Temperature	-60°C~260°C
Dielectric Strength	26KV/mm



VERSAF70 Self-Fusing Silicone Rubber Electrical Tape

VERSAF70 is same as KE30S, but produced with large width and thickness, in order to fast reach required withstand voltage rating to save installation time in the high voltage applications of electric power.

Features

- All features of KE30S
- Work continuously at H-class high temperature 180 °C
- Suitable for high voltage insulation up to 35KV

Application

- Insulating and waterproof sealing protection for cable terminations and joints up to 35KV
- Insulation and moisture protection for bus-bar, electrical connections and bare metal parts in substation and distribution network.

Sizes

50mm (W) x 0.5mm (T) x 5m (L) 50mm (W) x 1.0mm (T) x 5m (L)
50mm (W) x 0.76mm (T) x 5m (L)

Main Technical Parameters

Properties	Typical Value
Tensile Strength	>5.0Mpa
Elongation at break	>500%
Temperature	-60°C~260°C
Dielectric Strength	26KV/mm



Bondwell23 Self-curing Insulation Waterproof Protection Pad

Bondwell23 Self-curing Insulation Waterproof Protection Pad is an ideal product for waterproof and insulation protection of 10KV and below bare wire and exposed electrical connection in line, especially for emergency quick repair work.

Features

- Self-cured under room temperature within 7 days
- Good conformability to the irregular surface
- Good Flame retardant
- Weather resistant, UV resistant, moisture resistant, aging resistant

Application

- Insulation and sealing protection of exposed cable line, connections
- Insulation and sealing protection of bus-bar and other irregular bare metal spots
- Insulation and sealing protection of communication base station grounding set

Sizes

90mm (W) x 2mm (T) x 600mm (L) 80mm (W) x 2mm (T) x 1000mm (L)

Main Technical Parameters

Properties	Typical Value
Tensile Strength	1.75Mpa
Elongation at break	375%
Initial Curing Time / Fully Curing Time	2h / 7 Days
Dielectric Strength	>32KV/2mm



SCST Silicone Rubber Cold Shrink Tube

SCST Cold Shrink Tubing is made of high shrink ratio silicone rubber. They are a series of open-ended, tubular rubber sleeves, which are factory expanded and assembled onto a removable core. The core will be removed after the tube has been positioned for installation over a line connection, coupling, termination etc., allowing the tube to shrink and form a waterproof seal.



Features

- High Shrink Ratio higher than 3:1
- Good thermal stability, no gaps under thermal expansion and contraction
- Excellent weather resistance and waterproof sealing properties
- Resists UV, Ozone, fungus, acids and alkalis
- Good aging resistant, retains its resiliency even after prolonged years of aging and exposure

Application

- Primary electrical insulation for all solid dielectric (rubber and plastic) insulated wire and cable splicing rated to 1KV
- Waterproof sealing of cables, optical cables, cable joints and terminals
- Cable jackets and sheath repairs
- Physical protection for couplings, hoses, connectors and terminals
- Sealing of feeder and jumper of communication base station

Main Technical Parameters

Properties	Typical Value
Tensile Strength	9.8Mpa
Elongation at break	840%
Temperature	-60~200°C
Dielectric Strength	23KV/mm

Selection Table

Model	Expanded Diameter	Range of cable diameter	Relaxed Tube Length	Model	Expanded Diameter	Range of cable diameter	Relaxed Tube Length
S25081	25	7.3-21	81	S40254	40	11.9-34	254
S25187	25	7.3-21	178	S40305	40	11.9-34	305
S25203	25	7.3-21	203	S53152	53	18.2-45	152
S35178	35	10.5-30	178	S53305	53	18.2-45	305
S35229	35	10.5-30	229	S53457	53	18.2-45	457
S35254	35	10.5-30	254	S70152	70	22.4-63	152
S35305	35	10.5-30	305	S70254	70	22.4-63	254
S40203	40	11.9-34	203	S70355	70	22.4-63	355
Note: the unit of all sizes in above table is mm				S70457	70	22.4-63	457

ECST EPDM Cold Shrink Tube

EPDM Cold Shrink Tubing is made of EPDM rubber, which contains no chlorides of Sulphur. They are a series of open-ended, tubular rubber sleeves, which are factory expanded and assembled onto a removable core. The core will be removed after the tube has been positioned for installation over an in-line connection, coupling, termination etc., allowing the tube to shrink and form a waterproof seal.



Features

- Wide range of size, accommodates wide range of cable, wire, conduit and hose diameters
- Good thermal stability, good aging resistance
- Excellent weather resistance and waterproof sealing properties
- Easy to installation

Application

- Primary electrical insulation for all solid dielectric (rubber and plastic) insulated wire and cable splicing rated to 1KV
- Waterproof sealing of cables, optical cables, cable joints and terminals
- Cable jackets and sheath repairs
- Physical protection for couplings, hoses, connectors and terminals
- Sealing of feeder and jumper of communication base station

Main Technical Parameters

Properties	Typical Value
Tensile Strength	8.9Mpa
Elongation at break	870%
Temperature	90°C
Dielectric Strength	18KV/mm

Selection Table

Model	20152	25178	20203	32279	35229	40152	40203	40254
Expanded Diameter (mm)	20	25	25	32	35	40	40	40
Range Of Cable Diameter (mm)	8-15	10-20	10-20	12-28	17.5-33	17.5-33	17.5-33	17.5-33
Relaxed Tube Length (mm)	152	178	203	279	229	152	203	254
Model	40305	53152	53305	53457	70152	70305	70355	104229
Expanded Diameter (mm)	40	53	53	53	70	70	70	104
Range Of Cable Diameter (mm)	17.5-33	25-46	25-64	25-64	32-65	35-65	32-65	43-94
Relaxed Tube Length (mm)	305	152	305	457	152	305	355	229

Note: Other sizes can be required

KE45 Electrical Stress Control Tape

KE45 Electrical stress control tape is a rubber based tape with high dielectric constant, mainly used in cable terminations and joints to improve the terminal electric field distribution.

Features

- Self amalgamating and Good conformable
- High dielectric constant
- Good thermal stability

Application

- Used on cable joints and cable terminations for electrical stress control

Sizes

19mm (W) x 0.76mm (T) x 4.5m (L)

Main Technical Parameters

Properties	Typical Value
Tensile Strength	≥ 1.5Mpa
Elongation at break	≥ 500%
Temperature	90°C
Dielectric Constant	15-30



KE28 Rubber Mastic Tape

KE28 Rubber Mastic Tape consists of an EPR backing coated with highly sticky butyl mastic, which is used for electrical insulating and moisture sealing applications.

Features

- Self-fusing
- Good conformability to the irregular surface
- Flexible over wide temperature range
- Good weather and moisture resistance, sealing performance

Application

- Primary electrical insulation for bus-bar connections rated up to 35KV
- Primary electrical insulation for cable and wire connections rated up to 1000V

Sizes

50mm (W) x 1.65mm (T) x 3m (L)

Main Technical Parameters

Properties	Typical Value
Tensile Strength	1.72Mpa
Elongation at break	550%
Temperature	90°C
Dielectric Strength	22KV/mm



180Z PVC Electrical Insulation Tape (Heavy Duty)

180Z PVC electrical tape is a 0.18mm thick, general purpose vinyl insulating tape, composed of soft PVC film, coated with rubber adhesive. It has good conformable, flame retardant and high dielectric strength. It is used for electrical insulation with voltage up to 600V and temperature up to 80°C.

Features

- Soft, Good conformable
- Excellent insulation with high dielectric strength
- Flame Retardant
- Excellent resistance to abrasion, moisture, alkalis, acid and varying weather conditions

Application

- Insulation for electrical wires and cable joints up to 600V and temperature up to 80°C
- Provide excellent mechanical protection for cables and wires

Sizes

19mm (W) x 0.18mm (T) x 20m (L)

Main Technical Parameters

Properties	Typical Value
Tensile Strength	>28N/cm
Elongation at break	≥200%
Temperature	80°C
Dielectric Strength	40KV/mm



KE37 Armor Wrap Tape

KE37 Armor Wrap Tape is a fiberglass industrial winding tape, which cures quickly and become hard, which can provide strong mechanical protection. It is widely used in repairing the outer sheath of cable lines.

Features

- Highly conformable, suitable for irregular surfaces
- Quickly curing and become hard
- Easy to carry and use
- Flame retardant, water and corrosion resistance

Application

- Reinforcement and protection of cables, cable joints and other connections.
- Repairing the broken outer sheath of cable line.

Sizes

10.2cm x 4.6m

Main Technical Parameters

Properties	Typical Value
Tensile Strength, I shape sample, 10mm/min	>32 Mpa
Curing Time at 2°C	15min
Curing Time at 25°C	8min
Curing Time at 50°C	4min



KE26 Flame Retardant Electric Arc Proofing Tape

KE26 Flame Retardant Electric Arc Proofing Tape is a self fusing tape, which is used in fire and electric arc resistant protection of cables and cable connections.

Features

- Self fusing and good conformability to the irregular surface
- Flame retardant, resistant to acid, alkali, salt moisture and UV
- Non-toxic, tasteless and non-polluting

Application

- Fire and electric resistant protection of cables and cable joints.
- Protect the cable from the possibility of transmitting electric arc.

Sizes

50mm (W) x 0.76mm (T) x 5m (L)



KE27 Fireproof Electric Arc Proofing Tape

KE27 Fireproof Electric Arc Proofing Tape is reusable non-adhesive tape, which will expand in case of fire and form a thick layer of charcoal deposits between the flame and the cable to protect the cables.

Features

- Non-adhesive, soft and highly conformable
- Flame retardant, resistant to acid, alkali, salt moisture and UV
- Reusable

Application

- High and low voltage power supply lines with fire protection requirements
- Fire protection for fire hazards and places where cables are densely arranged
- Fire and electric resistant protection of cables and cable joints

Sizes

50mm (W) x 0.76mm (T) x 6m (L)



AF800 Electrical Fire-resistant Protection Sheet

AF800 is a fire-resistant product composed of a double-layer structure. Out insulation layer is made of organic ceramic silica gel insulating composite material and inner heat-absorbing filling layer is made of vitrified inorganic materials.

Features

- Out insulation layer can form a protection layer against fire during burning
- Inner filling layer will release water vapor for reducing temperature when heated

Application

- Used for fire resistance for connections of power cables in required areas
- Fire resistant protection in places with dense cables, like cable well and cable channels

Sizes

1000mm x 800mm

800mm x 800mm



PVC Electrical Insulation Tape

PVC electrical tape is composed of soft PVC film , coated with rubber adhesive , it can be used all weather , has good flame retardant ; And it has good elastic , good conformable , and good resistance to high voltage . It applies to insulation protection of electrical wires and cable joints with voltage up to 600V and temperature up to 80°C.



Features

- Soft , good conformable
- Good flame retardant
- High elasticity , good compatibility and strong adhesion
- Excellent electrical insulation performance
- All weather

Application

- Insulation for electrical wires and cable joints below 600V
- Protection for jackets of high voltage wires and cables
- Wrapping wires and cables,Color coding
- Insulation protection for wire connection of electric devices indoors and outdoors
- DIY-Protecting and fixing tools

Type	Product Code	Material	Thickness (mm)	Adhesive Force (N/cm)	Tensile Strength (N/cm)	Elongation (%)	Temperature (°C)	Dielectric Strength (KV/mm)
Non Flame Retardant	100D	PVC	0.10	1.5	14	160	80	≥40
	110D	PVC	0.11	1.5	15	160	80	≥40
	130D	PVC	0.13	1.5	17	160	80	≥40
	150D	PVC	0.15	1.5	22	200	80	≥40
	165D	PVC	0.165	1.5	25	200	80	≥40
	180D	PVC	0.18	1.5	28	200	80	≥40
	190D	PVC	0.19	1.5	28	200	80	≥40
	200D	PVC	0.20	1.5	30	220	80	≥40
Flame Retardant	100Z	PVC	0.10	1.5	14	160	80	≥40
	110Z	PVC	0.11	1.5	15	160	80	≥40
	130Z	PVC	0.13	1.5	17	160	80	≥40
	150Z	PVC	0.15	1.5	22	200	80	≥40
	165Z	PVC	0.165	1.5	25	200	80	≥40
	180Z	PVC	0.18	1.5	28	200	80	≥40
	190Z	PVC	0.19	1.5	28	200	80	≥40
	200Z	PVC	0.20	1.5	30	220	80	≥40

The background of the page is a photograph of a high-voltage electrical substation. It shows several wooden utility poles with cross-arms, insulators, and power lines. The scene is captured in a slightly desaturated, greyish tone. A semi-transparent blue rectangular overlay covers the right half of the image, serving as a background for the text.

CHAPTER 2

Heat & Cold Shrinkable
Products and Kits



SM0225 Single Wall Heat Shrink Tube

SM0225 Single Wall Heat Shrink Tube is composed of radiation-crosslinked polyolefin material, which is flame retardant and has excellent physical and chemical properties. Its main functions are electrical insulation of joints, anti-corrosion & lightning protection of welding points, mechanical protection and wire harness. They are widely used in fields of electronics, communications, automobiles, ships and aircraft manufacturing.

Features

- Standards: UL 224, CAN/CSA C22.2 NO198.1-99
- Shrink Ratio: 2:1
- Good Flame Retardant, Environmentally Friendly, meet Rohs standard
- Initial/Full shrinking temp: $\geq 84\text{ }^{\circ}\text{C}$ / $\geq 120\text{ }^{\circ}\text{C}$
- Operating Temp: -55 to $125\text{ }^{\circ}\text{C}$
- Standard Color: Black, White, Red, Yellow, Green and Blue

Specification	Supplying inner diameter(mm)	Dimension after shrinking (mm)		Length Per Roll(mm)
		inner diameter	wall thickness	
Φ0.5 / 0.35	0.7±0.2	≤0.35	0.33±0.10	400
Φ0.6 / 0.40	0.9±0.2	≤0.40	0.33±0.10	200
Φ0.8 / 0.50	1.1±0.2	≤0.50	0.33±0.10	200
Φ1.0 / 0.65	1.5±0.2	≤0.65	0.33±0.10	200
Φ1.5 / 0.85	2.0±0.2	≤0.85	0.33±0.10	200
Φ2.0 / 1.00	2.5±0.2	≤1.00	0.45±0.10	200
Φ2.5 / 1.30	3.0±0.2	≤1.30	0.45±0.10	200
Φ3.0 / 1.50	3.5±0.2	≤1.50	0.45±0.10	200
Φ3.5 / 1.80	4.0±0.2	≤1.80	0.45±0.10	200
Φ4.0 / 2.00	4.5±0.2	≤2.00	0.45±0.10	200
Φ4.5 / 2.30	5.0±0.2	≤2.30	0.45±0.10	100
Φ5.0 / 2.50	5.5±0.2	≤2.50	0.56±0.10	100
Φ5.5 / 2.75	6.0±0.2	≤2.75	0.56±0.10	100
Φ6.0 / 3.00	6.5±0.2	≤3.00	0.56±0.10	100
Φ7.0 / 3.50	7.5±0.3	≤3.50	0.56±0.10	100
Φ8.0 / 4.00	8.5±0.3	≤4.00	0.56±0.10	100
Φ9.0 / 4.50	9.5±0.3	≤4.50	0.56±0.10	100
Φ10 / 5.00	10.5±0.3	≤5.00	0.56±0.10	100
Φ11 / 5.50	11.5±0.3	≤5.50	0.70±0.10	100
Φ12 / 6.00	12.5±0.3	≤6.00	0.70±0.10	100
Φ13 / 6.50	13.5±0.3	≤6.50	0.70±0.10	100
Φ14 / 7.00	14.5±0.3	≤7.00	0.70±0.10	100
Φ15 / 8.00	15.5±0.4	≤7.50	0.70±0.10	100
Φ16 / 7.50	16.5±0.4	≤8.00	0.70±0.10	100
Φ17 / 8.50	17.5±0.4	≤8.50	0.70±0.10	100
Φ18 / 8.00	19.0±0.5	≤9.00	0.70±0.10	100
Φ20 / 10.0	22.0±0.5	≤10.0	0.80±0.15	100
Φ22 / 11.0	24.0±0.5	≤11.0	0.80±0.15	100
Φ25 / 12.5	25.0±0.5	≤12.5	0.90±0.15	50
Φ28 / 14.0	29.0±0.5	≤14.0	0.90±0.15	50
Φ30 / 14.0	31.5±1.0	≤15.0	1.00±0.15	50
Φ35 / 17.5	35.5±1.0	≤17.5	1.00±0.15	50
Φ40 / 20.0	41.5±1.0	≤20.0	1.00±0.15	50
Φ50 / 25.0	≥50	≤25.0	1.10±0.15	25
Φ60 / 30.0	≥60	≤30.0	1.20±0.15	25
Φ70 / 35.0	≥70	≤35.0	1.30±0.15	25
Φ80 / 40.0	≥80	≤40.0	1.30±0.15	25
Φ90 / 45.0	≥90	≤45.0	1.30±0.20	25
Φ100 / 50.0	≥100	≤50.0	1.30±0.20	25
Φ120 / 60.0	≥120	≤60.0	1.30±0.20	25
Φ150 / 75.0	≥150	≤75.0	1.30±0.20	25
Φ180 / 90.0	≥180	≤90.0	1.30±0.20	25
Φ210 / 105.0	≥210	≤105	1.30±0.20	25
Φ230 / 115.0	≥230	≤115	1.30±0.20	25
Φ250 / 125.0	≥250	≤125	1.30±0.20	25
Φ300 / 150.0	≥300	≤150	1.30±0.20	25

Remarks : 3 : 1, 4 : 1 and different wall thickness and higher operation temperature tubings available.

DM0325 Dual Wall Heat Shrink Tube



The environmentally friendly double-walled (dual wall) pipe is composed of a double layer of soft flame-retardant polyolefin and hot-melt adhesive. The outer layer is polyolefin insulated and flame-retardant material, and the inner layer of hot-melt adhesive can buffer mechanical strain and have a strong seal. Its main function of the product is sealing, waterproof, anti-corrosion, air leakage and insulation protection.

Features

- 3:1 shrink ratio
- Low longitudinal shrinkage
- Flame retardant (out jacket only)
- Super sealing against water, moisture or other contaminants
- Continuous operating temperature : -45 C -125 C
- Shrink Temperature:125 C
- RoHS compliance

Specification	Internal Diameter (mm)	Dimension after shrinking (mm)			Spool Length M/spool
		Internal Diameter (mm)	Total Wall Thickness (mm)	Adhesive Thickness (mm)	
Ø2.4	≥2.4	≤0.80	0.80±0.15	0.40±0.10	200
Ø3.2	≥3.2	≤1.00	0.95±0.15	0.40±0.10	200
Ø4.8	≥4.8	≤1.60	1.10±0.15	0.40±0.10	100
Ø6.4	≥6.4	≤2.20	1.20±0.15	0.45±0.10	100
Ø7.9	≥7.9	≤2.70	1.35±0.15	0.50±0.10	100
Ø9.5	≥9.5	≤3.20	1.45±0.20	0.50±0.15	50
Ø12.7	≥12.7	≤4.20	1.70±0.20	0.50±0.15	1.22
Ø15.0	≥15.0	≤5.20	1.80±0.20	0.55±0.15	1.22
Ø19.1	≥19.1	≤6.30	2.00±0.20	0.55±0.15	1.22
Ø25.4	≥25.4	≤8.50	2.10±0.20	0.55±0.15	1.22
Ø30.0	≥30.0	≤10.20	2.20±0.20	0.60±0.15	1.22
Ø39.0	≥39.0	≤13.50	2.40±0.25	0.60±0.15	1.22
Ø50.0	≥50.0	≤17.00	2.70±0.25	0.80±0.15	1.22
Ø64.0	≥64.0	≤21.00	3.00±0.30	0.80±0.20	1.22
Ø75.0	≥75.0	≤25.00	3.00±0.30	1.00±0.20	1.22
Ø90.0	≥90.0	≤30.00	3.00±0.30	1.00±0.20	1.22
Ø100	≥100	≤34.00	3.00±0.30	1.00±0.20	1.22
Ø125	≥125	≤42.00	3.00±0.30	1.00±0.20	1.22

Remarks : 3 : 1 , 4 : 1 and different wall thickness and higher operation temperature tubings available.

Focus on the application of insulation products in Electrical and Telecommunication



Test Item	Value
Volume resistivity	$4.3 \times 10^{14} \Omega \cdot \text{cm}$
Dielectric strength	>25kV/mm
A.C.voltage withstand	>42kV, 1min
Thunderbolt impact	>75kVPeak
Flammability	Pass

Heat Shrinkable Busbar Insulating Tube

Application

- Product No.:M-4-MP
- Avoid short circuit fault caused by small animals such as mice, snakes and so on.
- Prevent busbar from chemical corrosion effected by strong acid, alkali, salt etc.
- Avoid accidental injure to overhaul persons when they enter electriferous clearance by mistakes
- It provides excellent insulation performance to supply required flashover protection for thebusbar system.
- Solve the problem of insulation among busbars in bus duct.

For 1 KV

Size	Diameter	Dimension after shrunked	Wall Thickness	Standard Packaging
30/15	31.3 ± 1.0	≤ 15	1.00 ± 0.15	50
35/17.5	36.5 ± 1.0	≤ 17.5	1.00 ± 0.15	50
40/20	41.5 ± 1.0	≤ 20	1.00 ± 0.15	50
50/25	≥ 50	≤ 25	1.00 ± 0.15	25
60/30	≥ 60	≤ 30	1.20 ± 0.15	25
70/35	≥ 70	≤ 35	1.30 ± 0.15	25
80/40	≥ 80	≤ 40	1.30 ± 0.20	25
90/45	≥ 90	≤ 45	1.30 ± 0.20	25
100/50	≥ 100	≤ 50	1.30 ± 0.20	25
120/60	≥ 120	≤ 60	1.30 ± 0.20	25
150/75	≥ 150	≤ 75	1.30 ± 0.20	25
180/90	≥ 180	≤ 90	1.30 ± 0.20	25
210/105	≥ 210	≤ 105	1.30 ± 0.30	25
230/115	≥ 230	≤ 115	1.30 ± 0.30	25
250/125	≥ 250	≤ 125	1.30 ± 0.30	25
300/150	≥ 300	≤ 150	1.30 ± 0.30	25

For 10 KV

Size	Diameter	Dimension after shrunked	Wall Thickness	Standard Packaging
15/6	≥ 15	≤ 6	2.5 ± 0.20	25
20/8	≥ 20	≤ 8	2.5 ± 0.20	25
25/10	≥ 25	≤ 10	2.5 ± 0.20	25
30/12	≥ 30	≤ 12	2.5 ± 0.20	25
40/16	≥ 40	≤ 16	2.8 ± 0.30	25
50/20	≥ 50	≤ 20	2.8 ± 0.30	25
65/26	≥ 65	≤ 26	2.8 ± 0.30	25
75/30	≥ 75	≤ 30	2.8 ± 0.30	25
85/34	≥ 85	≤ 34	2.8 ± 0.30	25
100/40	≥ 100	≤ 40	2.8 ± 0.30	25
120/48	≥ 120	≤ 48	2.8 ± 0.30	25
150/60	≥ 150	≤ 60	2.8 ± 0.30	25
180/72	≥ 180	≤ 72	2.8 ± 0.30	25
210/84	≥ 210	≤ 84	2.8 ± 0.30	20
230/92	≥ 230	≤ 92	2.8 ± 0.30	20
250/100	≥ 250	≤ 100	2.8 ± 0.30	20
300/120	≥ 300	≤ 120	2.8 ± 0.30	15

For 35 KV

Size	Diameter	Dimension after shrunked	Wall Thickness	Standard Packaging
30/15	≥ 30	≤ 15	4.0 ± 0.3	15
40/20	≥ 40	≤ 20	4.0 ± 0.3	15
50/25	≥ 50	≤ 25	4.0 ± 0.3	15
65/33	≥ 65	≤ 33	4.0 ± 0.3	15
75/38	≥ 75	≤ 38	4.0 ± 0.3	15
85/43	≥ 85	≤ 43	4.0 ± 0.3	15
100/50	≥ 100	≤ 50	4.0 ± 0.3	15
120/60	≥ 120	≤ 60	4.0 ± 0.3	15
150/75	≥ 150	≤ 75	4.0 ± 0.3	15
180/90	≥ 180	≤ 90	4.0 ± 0.3	15
210/105	≥ 210	≤ 105	4.0 ± 0.3	15
230/115	≥ 230	≤ 115	4.0 ± 0.3	15
250/125	≥ 250	≤ 125	4.0 ± 0.3	15
300/150	≥ 300	≤ 150	4.0 ± 0.3	15



Heat shrinkable Termination and Straight Joints

Introduction

- Our Heat shrinkable termination and straight joints have 3 kinds of voltage grades: 1kV, 10kV, 35kV, and they are widely used for the voltages separately under 1kV, 8.7~15kV and 25~35kV.
- Our Heat shrinkable termination and straight joints can be used for 1 core, 2 cores, 3 cores, 4 cores and 5 cores.
- Our Heat shrinkable termination and straight joints can be used for indoor, outdoor, and joint.
- Our Heat shrinkable termination and straight joints have 2 kinds separately be used for XLPE cable PILC cable.
- Our Heat shrinkable termination and straight joints are sold by sets, with install the projects so conveniently.

Property

- Simple installation.
- Highly resistance to extreme temperature. Atmospheric pollution and weather conditions.
- Insulation components are resistant to fungus, copper corrosion, water and ultra-violet rays.
- Hot melting adhesive lining in insulation components provides excellent water-proofing property. Termination and straight joint are flame-retardant, rapid shrinking, non-cracking.
- All our production process conform to the IEC60502-1997 standard.



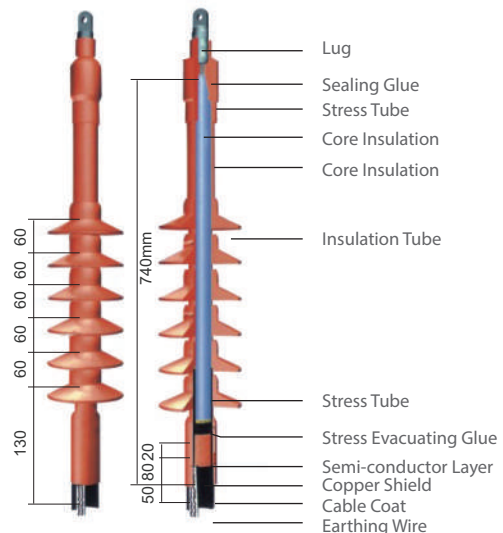
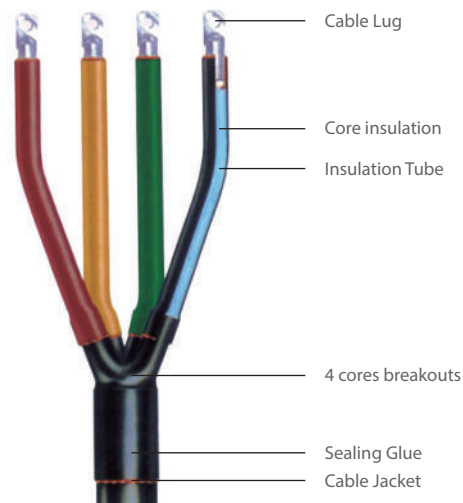
10kV Outdoor heat shrinkable power cable accessories



35kV XLPE Cable 1 core straight joints



35kV 1 core outdoor termination materials



35kV XLPE Cable 1 core outdoor termination sketch of materials



8.7/15kV silicone rubber Cold shrinkable indoor termination kit

8.7/15kV silicone rubber Cold shrinkable outdoor termination kit

Cold shrinkable Termination and Straight Joints

Introduction

- Our Cold shrinkable termination and straight joints have 2 kinds of voltage grades: 10kV, 35kV, and they are widely used for the voltages separately under 8.7~15kV and 26~35kV.
- Our Cold shrinkable termination and straight joints can be used for 1 core, 3 cores.
- Our Cold shrinkable termination and straight joints can be used for indoor, outdoor, and joint.
- Our Heat shrinkable termination and straight joints are sold by sets, with the materials in these you can install the projects so conveniently.

Property

- Reliable Insulation:**
We make this kit with imported raw materials liquid silicone rubber, which has excellent characters of elasticity and insulation.
- Simply Installation:**
All the kits are pre-moulded in factory: anyone unskilled can easily complete the installation. Needs no fire, save time.
- Widely Application:**
anti-dirtiness, aging-resistant, waterproof, excellent cold and heat-resistant character, suit for high altitude, cold, dankish, salt fog and heavy-Polluted areas. Special suit for the petroleum, chemical plants and mine.
- Advance equipment:**
The imported equipments have high automation and reliable properties
- Excellent Appearance:**
with longer Cold shrinkable tube, no commissural line, and smooth surface.

Cold shrinkable indoor termination materials sketch

Cold shrinkable tube 3pcs	Installation instruction 1set
Box ruler 1pc	Erasing Paper 1bag
Cold shrinkable breakout 1pc	Qualified certificate 1set
Sweat paper 1 bag	Sand Paper 4pcs
Cold shrinkable termination kit 3pcs	Semi-conductor Belt 1 box
Golve 1 pc	Earthing Wire 2pcs
Sealing tube 3pcs	J-20 Self-adhibit Belt 1box
Wound Cover 2pcs	Bunding wire 1 reel
Filling gule sealing gule 1 bag	Unvarying spring 4pcs (1 big 3 small)
Silicone Grease 1 bag	PVC Belt 1reel
Materials sketch 1pc	Phase Strip 1 bag (red, yellow, green)
Cleaning paper 3 bags	

Cold shrinkable outdoor termination materials sketch

Cold shrinkable tube 3pcs	Installation instruction 1set
Box ruler 1pc	Erasing Paper 1bag
Cold shrinkable breakout 1pc	Qualified certificate 1set
Sweat paper 1 bag	Sand Paper 4pcs
Cold shrinkable termination kit 3pcs	Semi-conductor Belt 1 box
Golve 1 pc	Earthing Wire 2pcs
Sealing tube 3pcs	J-20 Self-adhibit Belt 1box
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Materials sketch 1pc	Phase Strip 1 bag (red, yellow, green)
Cleaning paper 3 bags	





CHAPTER 3

Different Protection
Ways for Base Station
Antenna Feeder

VERSAF32 Self Amalgamating Tape

VERSAF32 Tape is made from premium EPR (Ethylene Propylene Rubber), non-vulcanizing and shelf stable with excellent electrical properties. It can be used for insulating, splicing and terminating cables from 600 V to 69KV.



Features

- Self-amalgamating, Non-vulcanizing
- Highly Conformable, Shelf Stable
- Moisture-resistant Insulation, Waterproof
- Stable physical and electrical properties

Application

- Moisture-resistant insulation and waterproof sealing for electrical connections of high-voltage cables.
- For insulating, splicing and terminating cables up to 69KV, under 90°C continuous operating temperature and 130°C emergency overload temperature.

Sizes

38mm (W) x 0.76mm (T) x 4.57m (L)

Main Technical Parameters

Properties	Typical Value
Tensile Strength	>1.8Mpa
Elongation at break	>600%
Temperature	90°C
Dielectric Strength	≥32.5KV/mm

KE30S Self-Fusing Silicone Rubber Tape

KE30S is composed of excellent self-fusing silicone rubber with easy-tear liner. It has excellent electrical and physical properties, suitable for emergency and all-purpose repair.



Features

- Self-fusing rapidly
- Excellent electrical insulation property
- Wide temperature range , from -60°C to 260°C
- Waterproof, airtight, aging resistant, UV resistant
- RoHS 2.0 and Reach Compliance
- Pass 14 CFR § 25.853 Horizontal Buring Test

Application

- Insulation and Waterproof sealing of communication cables, optical cables, cable joints and terminals
- Suitable for emergency and all-purpose repairs in applications covering military, marine, automotive, industrial, home & garden, plumbing, etc.

Sizes

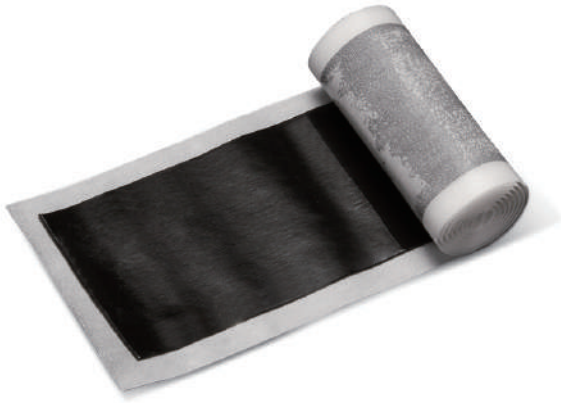
38mm (W) x 0.5mm (T) x 4.57m (L)

Main Technical Parameters

Properties	Typical Value
Tensile Strength	>5.0Mpa
Elongation at break	>500%
Temperature	-60°C ~ 260°C
Dielectric Strength	≥26KV/mm

KE29 Butyl Mastic Sealing Tape

KE29 Butyl Mastic Sealing Tape is made of conformable, durable and tacky butyl mastic, which is designed for quick insulating, padding and sealing of objects.



Features

- Highly conformable to any irregular surface and object
- Good adhesion to various surfaces
- Excellent weather resistant, waterproof and sealing properties

Application

- Padding irregular shaped connections
- Sealing ducts and cable end seals
- Sealing high voltage cable splice and termination accessories

Sizes

63.5mm (W) x 3.175mm (T) x 0.6m (L)

38mm (W) x 3.175mm (T) x 1.5m (L)

Main Technical Parameters

Properties	Typical Value
Elongation	1000%
Temperature	-55°C ~ 80°C
Water Absorption	0.05%

Weather Proofing Kit

Weatherproofing Kit provides reliable weatherproof, waterproof and moisture seal protection for outdoor antenna, cable and wire connections, making the connections suitable for buried cable application. It will also keep connectors no loosening and can be used on more than one connections with wide range sizes.

Features

- No loosening of connections, provide reliable moisture seal
- Provide excellent weatherproof and waterproof protection
- Perform well on irregular surface
- Suitable for outdoor cable connections of wide range sizes

Application

- Coax Protection
- Weatherproof, waterproof and moisture seal protection for outdoor antenna, cable and wire connections

UNIVERSAL WEATHER PROOFING KITS

Component	Size	Quantity
Butyl Mastic Tape	2-1/2" x 2'	6 rolls
PVC Tape	3 / 4" x 44'	2 rolls
PVC Tape	2" x 20'	1 rolls

PREMIUM WEATHERPROOFING KITS

Component	Size	Quantity
Butyl Mastic Tape	2-1/2" x 2'	2 rolls
PVC Tape	3 / 4" x 66'	2 rolls
PVC Tape	2" x 20'	1 rolls



SCST Silicone Rubber Cold Shrink Tube

SCST Cold Shrink Tubing is made of high shrink ratio silicone rubber. They are a series of open-ended, tubular rubber sleeves, which are factory expanded and assembled onto a removable core. The core will be removed after the tube has been positioned for installation over a line connection, coupling, termination etc., allowing the tube to shrink and form a waterproof seal.



Features

- High Shrink Ratio higher than 3:1
- Good thermal stability, no gaps under thermal expansion and contraction
- Excellent weather resistance and waterproof sealing properties
- Resists UV, Ozone, fungus, acids and alkalis
- Good aging resistant, retains its resiliency even after prolonged years of aging and exposure

Application

- Primary electrical insulation for all solid dielectric (rubber and plastic) insulated wire and cable splicing rated to 1KV
- Waterproof sealing of cables, optical cables, cable joints and terminals
- Cable jackets and sheath repairs
- Physical protection for couplings, hoses, connectors and terminals
- Sealing of feeder and jumper of communication base station

Main Technical Parameters

Properties	Typical Value
Tensile Strength	9.8Mpa
Elongation at break	840%
Temperature	-60~200°C
Dielectric Strength	23KV/mm

Selection Table

Model	Expanded Diameter	Range of cable diameter	Relaxed Tube Length	Model	Expanded Diameter	Range of cable diameter	Relaxed Tube Length
S25081	25	7.3-21	81	S40254	40	11.9-34	254
S25187	25	7.3-21	178	S40305	40	11.9-34	305
S25203	25	7.3-21	203	S53152	53	18.2-45	152
S35178	35	10.5-30	178	S53305	53	18.2-45	305
S35229	35	10.5-30	229	S53457	53	18.2-45	457
S35254	35	10.5-30	254	S70152	70	22.4-63	152
S35305	35	10.5-30	305	S70254	70	22.4-63	254
S40203	40	11.9-34	203	S70355	70	22.4-63	355
Note: the unit of all sizes in above table is mm				S70457	70	22.4-63	457

SCST-M Silicone Rubber Cold Shrink Tube with Mastic

Silicone cold shrink tube with mastic insides provides excellent water-resistant sealing performance. They are a series of open-ended, tubular rubber sleeves, which are factory expanded and assembled onto a removable core. The core will be removed after the tube has been positioned for installation over a line connection, coupling, termination etc.



Features

- Rubber sleeve with sealing mastic provides a water-resistant sealing
- Good thermal stability, no gaps under thermal expansion and contraction
- Excellent weather resistance and waterproof sealing properties
- Factory-expanded for easy installation
- Aging resistant, retains its resiliency even after prolonged years of aging and exposure

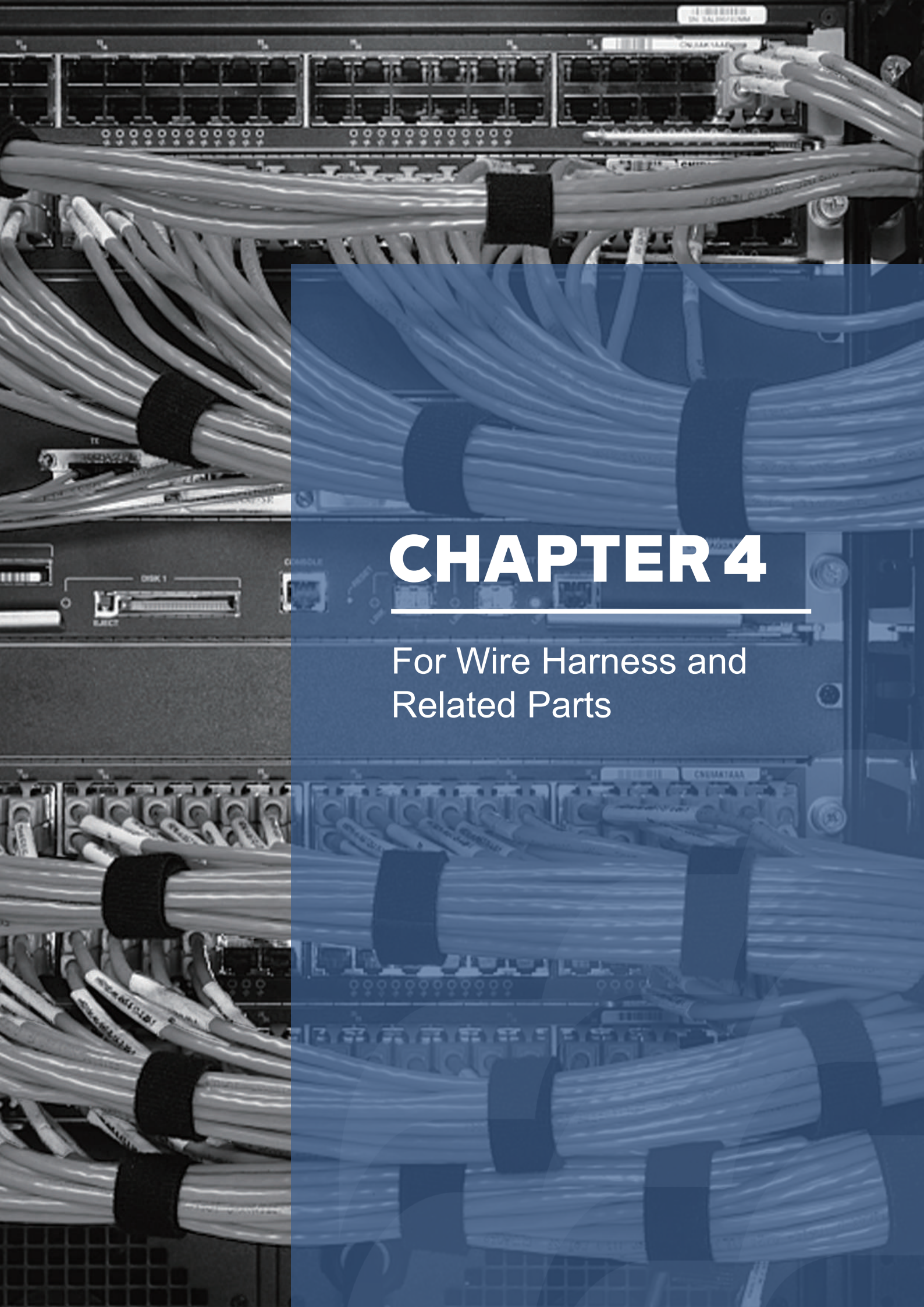
Application

- Insulation protection of medium and low voltage power cable connection
- Applied to wireless communication towers and the connections of exposed terminals, connectors, antennas, etc.
- Used in indoor and outdoor, overhead and underground fields

Selection Table

Model	Expanded Diameter	Range of cable diameter	Relaxed Tube Length
S28110	28	8-21	110
S30110	30	9-23	110
S30140	30	9-23	140
S35120	35	10-26	120
S40140	40	12-35	140
S40180	40	12-35	180
S40210	40	12-35	210
S60210	60	60	210

Note: the unit of all sizes in above table is mm



CHAPTER 4

For Wire Harness and
Related Parts

PVC Wire Harness Tape

PVC wire harness tape is made of high quality PVC film, coated with high performance rubber or acrylic adhesive. It has good electrical insulation and temperature resistance properties, which is widely used for bundling electrical wire harness, especially automotive wire harness.

Features

- Good electrical insulation property
- Good low and high temperature resistance
- RoHS compliance

Application

- Used for bundling and insulation of electrical wire harness and terminals, especially automotive wire harness
- Used for electrical insulation up to 600V and temperature highest up to 120°C



SKU	Color	Adhesive	Thickness mm(mil)	Length m(Yard)	Adhesion to Steel N/19mm(min.)	Tensile Strength Mpa(min.)	Elongation % (min.)	Breakdown Voltage KV (min.)	Temp °C Hour	Spool Length M/spool
11040201	Matte Black	Rubber	0.090 (3.5)	20 (22)	0.25	10	100	4		Soft, Elastic, FR, Good Operability in low thickness
11040202	Matte Black	Rubber	0.100 (3.9)	20 (22)	0.25	12	125	5		For Wrapping & Insulation
11040203	Matte Black	Rubber	0.100 (3.9)	20 (22)	0.25	12	125	5		FR, For Wrapping & Insulation
11040204	Matte, Colored	Rubber	0.100 (3.9)	20 (22)	0.25	12	125	5		For Wrapping, Insulation & Identification
11040205	Matte Black	Rubber		20 (22)	0.3	12	125	5	85°C 3000H	FR, Good adhesion and Operability
11040206	Matte Black	Rubber	0.160 (6.3)	20 (22)	0.3	12	100	7		For Wrapping & Insulation, High FR (UL)
11040207	Matte Black	Rubber	0.090 (3.5)	20 (22)	0.25	12	100	4	120°C 3000H	FR & High temp resistant, For Wrapping & Insulation
11040208	Matte Black	Rubber	0.100 (3.9)	20 (22)	0.25	12	125	4	105°C 3000H	FR & High temp resistant, For Wrapping & Insulation
11040209	Matte Gray	Rubber	0.100 (3.9)	20 (22)	0.25	12	125	4	105°C 3000H	FR & High temp resistant, For Wrapping & Insulation
11040210	Matte Gray	Rubber	0.130 (5.1)	20 (22)	0.25	12	125	5	105°C 3000H	FR & High temp resistant, For Wrapping & Insulation
11040211	Matte Black		0.090 (3.5)			12				FR, Without Adhesive
11040212	Glossy Black		0.155 (6.1)							FR, Without Adhesive
11040213	Black		0.1			16	150			For Wrapping
11040214	White		0.12			16	150			For Wrapping
11040215	Matte, Colored		0.09(3.5)			15	150	5		For Wrapping
11040216	Matte Black	Rubber	0.100 (3.9)	20 (22)	0.89	12	100	4	85°C 3000H	Soft & Elastic, For Wrapping & Insulation
11040217	Matte Black	Rubber	0.100 (3.9)	20 (22)	1	24.5	100	5	85°C 3000H	High FR, For Wrapping & Insulation
11040218	Matte Black	Rubber	0.170 (6.7)	40 (44)	2	12	100	7		For Wrapping Terminals
11040219	Matte Gray	Rubber	0.090 (3.5)	28 (31)	2	12	100	3	120°C 168H	FR & High temp resistant, For Wrapping & Insulation
11040220	Matte Black	Rubber	0.100 (.1)	25 (27)	1.5	3	125	4	105°C 3000H	FR & High temp resistant, For Wrapping & Insulation
11040221	Matte Black	Rubber	0.130 (5.1)	20 (22)	1.0-5.0	12	125	5	105°C 3000H	FR & High temp resistant, For Wrapping & Insulation
11040222	Matte Black	Acrylic	0.070 (2.8)	28 (31)	1.0-5.0	17	100	5	85°C 3000H	For Wrapping & Insulation, Good Operability in super low thickness
11040223	Matte Black	Acrylic	0.090 (3.5)	28 (31)	1.0-5.0	20	100	5	85°C 3000H	Soft & Elastic, For Wrapping & Insulation
11040224	Matte Black	Acrylic	0.100 (3.9)	20 (22)	1.0-5.0	22	100	5	85°C 3000H	Good Operability in low thickness
11040225	Glossy, Colored	Acrylic	0.130 (5.1)	20 (22)	1.0-5.0	38	160	pass	85°C 3000H	For Wrapping & Identification
11040226	Glossy, Colored	Acrylic	0.130 (5.1)	20 (22)	1.0-5.0	38	160	pass	85°C 3000H	Easy to tear, Good Operability
11040227	Matte Black	Acrylic	0.170 (6.7)	40 (44)	1.0-5.0	29.4-95	100-300	1		For Wrapping Terminals
11040228	Matte Black	Acrylic	0.100 (3.9)	25 (27)	1.0-5.0	19.6-49	100-300	1		FR & High temp resistant, For Wrapping & Insulation



VERSAF51635 Pet Fleece Tape

VERSAF51635 wire harness tape is made of PET Fleece, coated with Acrylic adhesive. Due to its soft backing, it is suitable for wrapping wire harness of positions in the car, like engine, gearbox and dash board.

Features

- Soft, Flexible
- High noise resistance
- Good abrasion resistance
- Flame Retardant
- Hand-tearable

Application

- Suitable for wrapping wire harness of positions in the car, like engine, gearbox and dash board with temperature range of -40°C to 105°C

Sizes

19mm (W) x 0.3mm (T) x 15m (L) 50mm (W) x 0.3mm (T) x 15m (L)
 38mm (W) x 0.3mm (T) x 15m (L) 19mm (W) x 0.3mm (T) x 25m (L)



VERSAF51217 Chemical Fabric Tape

VERSAF51217 wire harness tape is made of premium chemical fabric, coated with Acrylic adhesive. It has strong abrasion resistance and high temperature resistance properties, suitable for wrapping automotive wire harness of engine and battery.

Features

- Stable resistance to high temperature and aging
- Strong abrasion resistance
- Flame Retardant
- Noise Resistant
- Hand-tearable

Application

- Suitable for wrapping automotive wire harness of engine and battery with temperature range of -40°C to 125°C.

Sizes

19mm (W) x 0.17mm (T) x 25m (L)



VERSAF61217 Fiber Cloth Tape

VERSAF61217 wire harness tape is made of premium fiber cloth, coated with Acrylic adhesive. It has good surface anti dirty ability, excellent abrasion resistance and stable high temperature resistance properties, ideal for wrapping automotive wire harness of engine area.

Features

- Stable resistance to high temperature and aging
- Excellent abrasion resistance
- Flame Retardant
- Noise Resistant
- Not hand-tearable

Application

- Ideal for wrapping automotive wire harness of engine area with temperature range of -40°C to 150°C.

Sizes

19mm (W) x 0.25mm (T) x 25m (L)

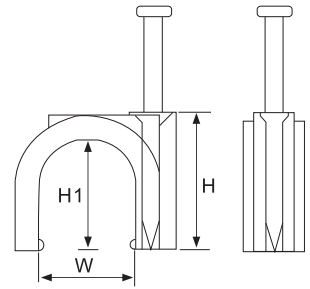
Round Cable Clip

Material:

- HDPE with zinc coated steel nail.

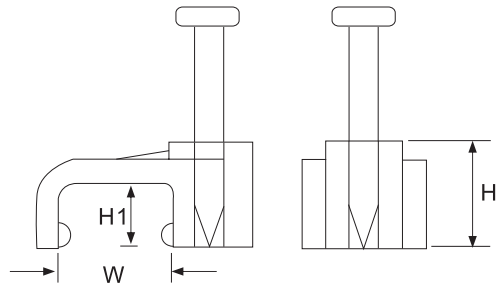
Color:

- White, black, grey
- Other color available upon request

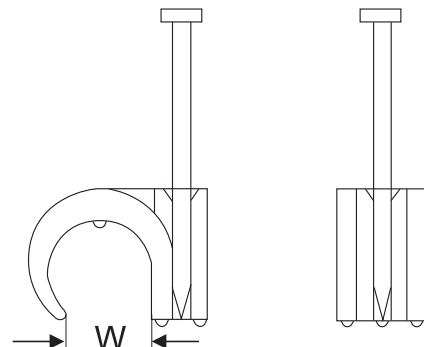
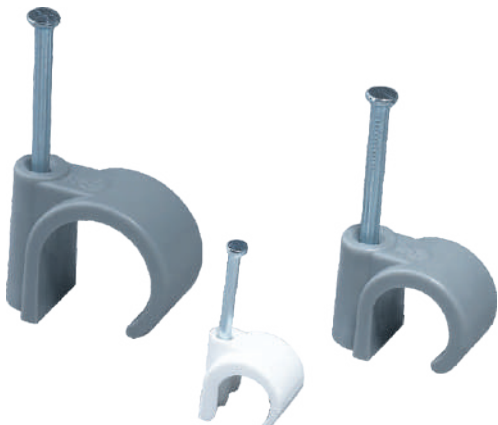


Item No.	Specification	L			Nail Size(mm)	Packing (pcs/bag/box)
		H	H2	W		
R4	4mm	6.5	4.0	4.0	1.7x14	100
R5	5mm	7.6	5.0	4.8	1.7x14	100
R6	6mm	8	6.0	5.7	1.8x16	100
R7	7mm	8.65	6.1	6.0	1.8x18	100
R8	8mm	9.8	7.65	7.7	1.9x18	100
R9	9mm	11.5	8.1	8.3	2.0x20	100
R10	10mm	12.7	9.55	9	2.0x23	100
R12	12mm	15.3	11.15	9.3	2.0x25	100
R14	14mm	16.8	12.7	11.8	2.5x31	100
R16	16mm	18.35	14.3	13.65	2.5x33	100
R18	18mm	20.2	15.9	15	2.5x35	50
R20	20mm	21.7	17.5	15.2	2.5x40	50
R22	22mm	24.66	20.4	18.2	2.8x43	50
R25	25mm	27	24.5	25	3.0x50	50

Flat Cable Clip



Hook Cable Clips





Nylon Cable Tie

Material:

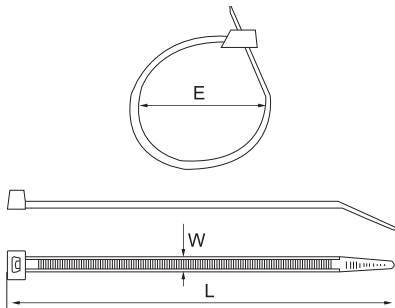
- Nylon 66,94V-2 certified by ULFire resisting Acid & erosion control, insulatewell and not apt to age.

Operating temperature:

- -35° C to 85° C

Color:

- Natural(or white, standard color), UVblack and other colors are available upon requested.



Item No	L		W mm	Bundle Diameter (mm)	Tensile Strength	
	Inch	mm			LBS	KGS
2.5x80	3.2"	80	2.5	2-16	18	8
2.5x100	4.0"	100	2.5	2-22	18	8
2.5x120	4.7"	120	2.5	2-30	18	8
2.5x150	6.0"	150	2.5	2-35	18	8
2.5x200	8.0"	200	2.5	3-50	18	8
3.6x150	6.0"	150	3.6	3-35	40	18
3.6x180	7.1"	180	3.6	3-42	40	18
3.6x200	8.0"	200	3.6	3-50	40	18
3.6x250	10"	250	3.6	3-65	40	18
3.6x300	12"	300	3.6	3-80	40	18
3.6x370	14.6"	370	3.6	3-105	40	18
4.8x200	8.0"	200	4.8	3-50	50	22
4.8x250	10"	250	4.8	3-60	50	22
4.8x300	12"	300	4.8	3-80	50	22
4.8x350	14	350	4.8	3-90	50	22
4.8x370	14.6"	370	4.8	3-98	50	22
4.8x400	16"	400	4.8	3-105	50	22
4.8x450	17.7"	450	4.8	3-130	50	22
4.8x500	19.7"	500	4.8	3-150	50	22
7.6x350	14"	350	7.6	4-90	120	55
7.6x400	16"	400	7.6	4-105	120	55
7.6x450	18"	450	7.6	4-110	120	55
7.6x500	20"	500	7.6	4-150	120	55
7.6x550	21.6"	550	7.6	4-165	120	55
9.0x400	16"	400	9	8-105	175	79.4
9.0x500	20"	500	9	8-150	175	79.4
9.0x600	23.6"	600	9	8-170	175	79.4
9.0x650	25.6"	650	9	8-185	175	79.4
9.0x800	31.5"	800	9	10-230	175	79.4
9.0x900	35.5"	900	9	10-265	175	79.4
9.0x1020	29.4"	1020	9.0	10-300	175	79.4
9.0x1200	47.2"	1200	9.0	10-370	175	79.4
12x650	26.5"	650	12	14-185	250	114
12x900	25.5"	900	12	14-265	250	114

Spiral Wrapping Band

Material:

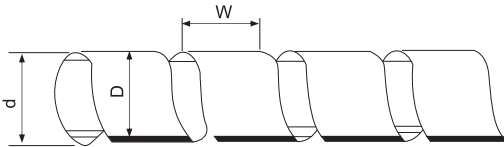
- made from PE.

Usage:

- fix one end with safety belt first. Then circle the wires clockwise to make them tight.

Application:

- a protection wear for electric wires. And make them insulation and look nice.



Item No .	D(mm)	d(mm)	W(mm)	WrappingRange (mm)	Packing
SWB-06	4	6	7.0	4-50	100M/ROLL
SWB-08	6	8	10.8	6-60	100M/ROLL
SWB-10	7.5	10	11.4	7.5-60	100M/ROLL
SWB-12	9	12	13.9	9-65	100M/ROLL
SWB-15	12	15	15.0	12-75	100M/ROLL
SWB-19	15	19	18.2	15-100	100M/ROLL
SWB-24	20	24	19.6	20-130	100M/ROLL

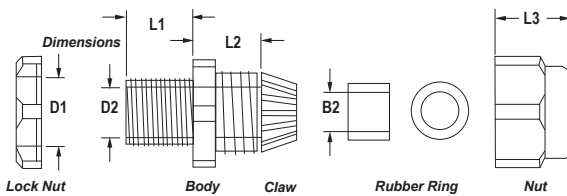
PG Nylon Cable Gland

Material:

- PA66 to UL94 V-2 with oil resistant rubber ring

Color:

- White, Grey or black



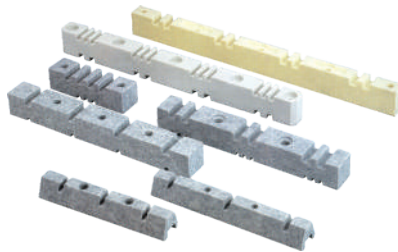
Item No .	Size(mm)						Suitable Cable
	D1	D2	L1	L2	L3	B1	
PG-7	10.9	8.1	10.4	14.5	10.5	6.4	3.5-6
PG-9	15.3	12.2	9.9	15.8	17.2	8.6	4-8
PG-11	17.9	14.6	10.6	15.2	17.5	10.7	5-10
PG-13.5	20.2	16.2	10.3	17.8	17.9	13.3	6-12
PG-16	21.3	18.3	11.2	18.5	20.5	14.3	10-14
PG-19	24.7	20.5	11.4	18.6	21.8	15.5	12-15
PG-21	26.9	21.8	11.6	18.7	23.1	16.7	13-18
PG-24	29.8	25.0	12.1	28.3	24.1	19.2	15-22
PG-29	35.1	29.8	12.4	22.6	24.8	24.8	18-25
PG-36	44.7	37.1	12.6	25.1	26.1	30.7	22-32
PG-42	50.4	43.3	17.3	25.9	30.5	35.6	30-38
PG-48	56.1	48.2	20.9	28.1	31.5	41.4	34-44

SM Type Bus Bar Insulator

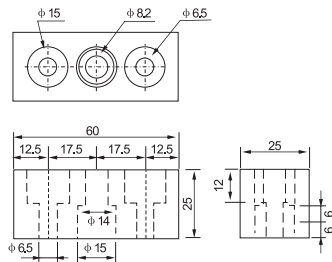


Values	Style						
	SM-25	SM-30	SM-35	SM-40	SM-45	SM-51	SM-76
Tensile Strength(LBS)	500	550	600	650	1000	1000	1500
Torgue Strength(FTLBS)	6	8	10	10	20	20	40
Voltage Sithstand(KV)	6	8	10	12	15	15	25
Screw(mm)	6	8	8	8	10	8	10
Weight(G)	28	44	50	56	70	83	233

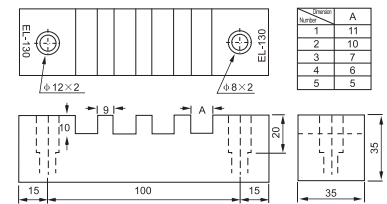
EL Type Busbar Support



EL-60

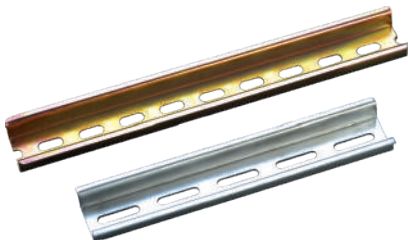


EL-130



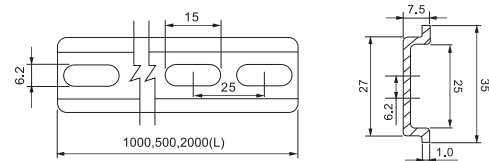
Remarks : Special Size and ODM Available.

Din Rail(Steel)



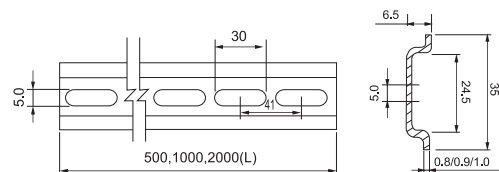
T-3501(35×7.5)

Two color available



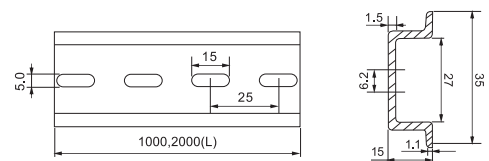
T-3502(35×6.5)

Two color available



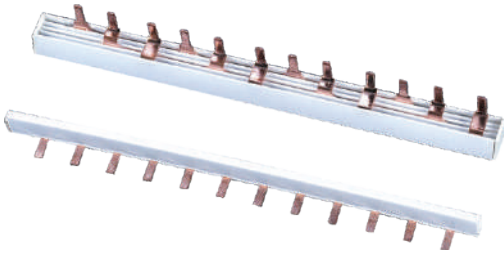
T-3503(35×15)

Two color available



Remarks : Special Size and ODM Available.

L Type Bus Bar



Item No .	Phase	No.of Pins	Rated Current Reference	
			Rated Current (A)	Thickness X Height (mm)
L-101	1	54	63-80	1.5X9
L-102	2	54	63	1.5X7
L-103	3	54	50	1.4X7
L-104	4	56	40	1.2X7
L-201	1	54	63-100	1.5X9
L-202	2	54	63	1.5X7
L-203	3	54	50	1.4X7
L-204	4	56	40	1.2X7

Remarks : Special Size and ODM Available.

Brass Bar Terminals

BC-1A



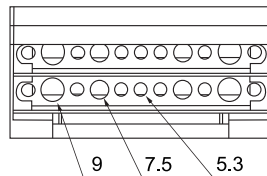
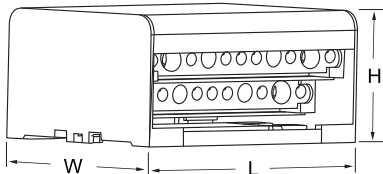
Item No .	No.of Holes	Brass Size(Mm)	Plastic Color
BC-1A04	4	6X9	Blue, Yellow
BC-1A06	6	6X9	Blue, Yellow
BC-1A08	8	6X9	Blue, Yellow
BC-1A10	10	6X9	Blue, Yellow
BC-1A12	12	6X9	Blue, Yellow
BC-1A14	14	6X9	Blue, Yellow
BC-1A16	16	6X9	Blue, Yellow

Remarks : Special Size and ODM Available.

Modular Distribution Blocks



Item No .	Bus Bar Spec.	No. Of Bus Bar	Conductors with starfix ferrules X-section (mm ²)	Cond.W/ out ferr. X-section (mm ²)	Dimensions (L x W x H) (mm)
MW-207	5 X ϕ 5.3mm 2 X ϕ 7.3mm	2	1.5 to 6 6 to 16	2.5 to 6 10 to 25	65x42x50
MW-211	7 X ϕ 5.3mm 2 X ϕ 7.5mm 2 X ϕ 9mm	2	1.5 to 6 6 to 16 10 to 16	2.5 to 6 10 to 25 10 to 35	100x42x50
MW-211	11 X ϕ 5.3mm 2 X ϕ 7.5mm 2 X ϕ 9mm	2	1.5 to 6 6 to 16 10 to 16	2.5 to 6 10 to 25 10 to 25	133x42x50
MW-211	5 X ϕ 5.3mm 2 X ϕ 7.5mm	4	1.5 to 6 6 to 16	2.5 to 6 10 to 25	65x88x50
MW-211	7 X ϕ 5.3mm 2 X ϕ 7.5mm 2 X ϕ 9mm	4	1.5 to 6 6 to 16 10 to 16	2.5 to 6 10 to 25 10 to 36	100x88x50
MW-211	11 X ϕ 5.3mm 2 X ϕ 7.5mm 2 X ϕ 9mm	4	1.5 to 6 6 to 16 10 to 16	2.5 to 6 10 to 25 10 to 35	133x88x50





The Power Behind Power



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