



## Brief Introduction

Huayi Elec. Apparatus Group, China, the manufacturer of high-voltage & low-voltage electrical appliances, is regarded as national advanced unit of science and technology and one of top 10 leading enterprises of China electric industry.

Huayi Cable Accessories Co., Ltd is one of subsidiary companies of Huayi Group ,which located at Huayi Industrial Park.. It's specializes in heat shrinkable and cold shrinkable technology and manufacture.

As the leading manufacturer for radiation cross-linked heat shrinkable products in China, we develops and manufactures varieties heat shrinkable products for the field of energy, electronic, automotive, commuication, building& shipbuilding and other major industries to provideeffective insulation and protection the functional parts, components and systems. the company had passed ISO9001:2000 quality system certification, and all the products confirm to JB8144-95 standard , with excellent electric performance and mechanical. With commitment that reliable through Honesty, Trust, Effective and Superior Service.

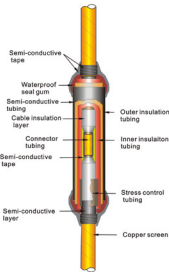
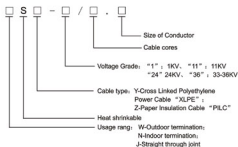
Huayi brand cable accessories are popular both in domestic and abroad market. Understanding of collaborative partnership on harmony and success, makes us even more attractive to our customers, our suppliers, partners and employees, which is expressed Huayi people on the correct direction to be excellent& reliable supplier for cable accessories with low cost and high level product quality in the worldwide!

## Quality system

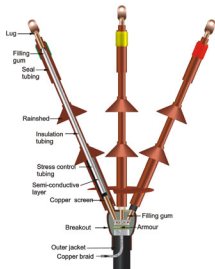


**HEAT SHRINKABLE CABLE ACCESSORIES**

DESCRIPTION OF TYPE



Single-core heat shrinkable straight through joint



3-cores heat shrinkable outdoor termination

**LV HEAT SHRINKABLE CABLE ACCESSORIES**



LV 5-cores heat shrinkable straight through joint kit



LV 4-cores heat shrinkable termination kit



LV 4-cores heat shrinkable termination kit

**Technical Data (0.6/1KV)**

Property	Typical data	Property	Typical data
Hardness	80(Shore A)	Ac voltage withstand	2.5kV
Tensile strength	12Mpa	Shrink temperature	120-140°C
Elongation at break	300%	Shrink ration (δs)	250%
Dielectric strength	≥20KV/mm	Longitudinal shrinkage	±5%

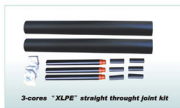
Description of Goods	Specification	Size of Conductor (mm <sup>2</sup> )	Description of Goods	Specification	Dimension(mm)
					Size of Conductor (mm <sup>2</sup> )
2-cores termination kits	SY-12.0	10-16	2-cores straight through joint	JSY-12.0	10-16
	SY-12.1	25-50		JSY-12.1	25-50
	SY-12.3	70-120 150-240		JSY-12.3	70-120 150-240
3-cores termination kits	SY-13.0	10-16	3-cores straight through joint	JSY-13.0	10-16
	SY-13.1	25-50		JSY-13.1	25-50
	SY-13.3	70-120 150-240		JSY-13.3	70-120 150-240
4-cores termination kits	SY-14.0	10-16	4-cores straight through joint	JSY-14.0	10-16
	SY-14.1	25-50		JSY-14.1	25-50
	SY-14.3	70-120 150-240		JSY-14.3	70-120 150-240
5-cores termination kits	SY-15.0	10-16	5-cores straight through joint	JSY-15.0	10-16
	SY-15.1	25-50		JSY-15.1	25-50
	SY-15.3	70-120 150-240		JSY-15.3	70-120 150-240

**11KV HEAT SHRINKABLE CABLE ACCESSORIES**

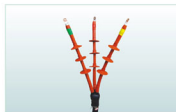
**3-cores "XLPE" outdoor termination kit**

**3-cores "XLPE" straight through joint kit**
**Technical Data**

Property	Typical data
Ac withstand(under rain)	49KV/1min
Ac withstand(without rain)	49KV/1min
Impulse withstand	± 105KV/10times
Dc withstand	-52KV/15min
Ac withstand	35KV/4h
Partial discharge test	<10Pc(1.73Uo)

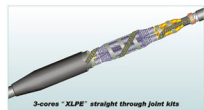

**3-cores "XLPE" straight through joint kit**

Dimension(mm)					
Description of goods	Specification	Size of Conductor (mm <sup>2</sup> )	Description of goods	Specification	Size of Conductor (mm <sup>2</sup> )
Single core "XLPE" indoor termination kit	NSY-11/1.1	25-50	3-cores "XLPE" indoor termination kit	NSY-11/3.1	25-50
	NSY-11/1.2	70-120		NSY-11/3.2	70-120
	NSY-11/1.3	150-240		NSY-11/3.3	150-240
	NSY-11/1.4	300-500		NSY-11/3.4	300-500
Single core "XLPE" outdoor termination kit	WSY-11/1.1	25-50	3-cores "XLPE" outdoor termination kit	WSY-11/3.1	25-50
	WSY-11/1.2	70-120		WSY-11/3.2	70-120
	WSY-11/1.3	150-240		WSY-11/3.3	150-240
	WSY-11/1.4	300-500		WSY-11/3.4	300-500
Single core "XLPE" straight through joint	JSY-11/1.1	25-50	3-cores "XLPE" straight through joint	JSY-11/3.1	25-50
	JSY-11/1.2	70-120		JSY-11/3.2	70-120
	JSY-11/1.3	150-240		JSY-11/3.3	150-240
	JSY-11/1.4	300-500		JSY-11/3.4	300-500
3-cores "PILC" outdoor termination kit	NSZ-11/3.1	25-50	3-cores "PILC" straight through joint	JSZ-11/3.1	25-50
	NSZ-11/3.2	70-120		JSZ-11/3.2	70-120
	NSZ-11/3.3	150-240		JSZ-11/3.3	150-240
	NSZ-11/3.4	300-500		JSZ-11/3.4	300-500
3-cores "PILC" outdoor termination kit	WSZ-11/3.1	25-50			
	WSZ-11/3.2	70-120			
	WSZ-11/3.3	150-240			
	WSZ-11/3.4	300-500			

**24KV HEAT SHRINKABLE CABLE ACCESSORIES**

**3-cores "XLPE" outdoor termination kit**

**3-cores "XLPE" outdoor termination kit**
**Technical Data**

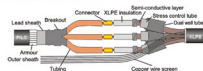
Property	Typical data
Ac withstand(under rain)	56KV/1min
Ac withstand(without rain)	56KV/1min
Impulse withstand	± 129KV/10times
Dc withstand	-96KV/15min
Ac withstand	48KV/4h
Partial discharge test	<10Pc(1.73Uo)


**3-cores "XLPE" straight through joint kits**

Dimension(mm)					
Description of goods	Specification	Size of Conductor (mm <sup>2</sup> )	Description of goods	Specification	Size of Conductor (mm <sup>2</sup> )
Single core "XLPE" indoor termination kit	NSY-24/1.1	25-50	3-cores "XLPE" indoor termination kit	NSY-24/3.1	25-50
	NSY-24/1.2	70-120		NSY-24/3.2	70-120
	NSY-24/1.3	150-240		NSY-24/3.3	150-240
	NSY-24/1.4	300-500		NSY-24/3.4	300-500
Single core "XLPE" outdoor termination kit	WSY-24/1.1	25-50	3-cores "XLPE" outdoor termination kit	WSY-24/3.1	25-50
	WSY-24/1.2	70-120		WSY-24/3.2	70-120
	WSY-24/1.3	150-240		WSY-24/3.3	150-240
	WSY-24/1.4	300-500		WSY-24/3.4	300-500
Single core "XLPE" straight through joint	JSY-24/1.1	25-50	3-cores "XLPE" straight through joint	JSY-24/3.1	25-50
	JSY-24/1.2	70-120		JSY-24/3.2	70-120
	JSY-24/1.3	150-240		JSY-24/3.3	150-240
	JSY-24/1.4	300-500		JSY-24/3.4	300-500

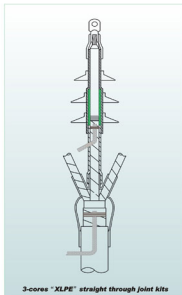
**L.V AND H.V "XLPE" TO "PILC" TRANSITION JOINTS**

The transition joint kits are designed for use on three core p/c (belted or screened) to polymer/cables up to 39kV. These transition joints dual insulation/semi-cond active and wall heat shrink tubings .

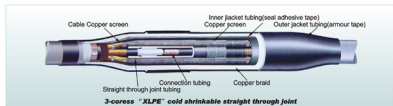
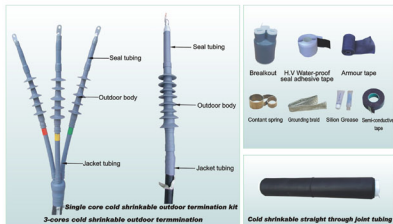
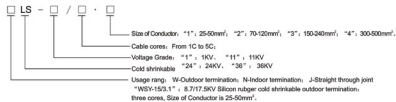


**36KV HEAT SHRINKABLE CABLE ACCESSORIES**
**Technical Data**

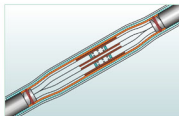
Property	Typical data
Ac withstand(under rain)	117KV/1min
Ac withstand(without rain)	117KV/1min
Impulse withstand	±250KV/10times
DC withstand	-156KV/15min
Ac withstand	104KV/4h
Partial discharge test	≤10Pq(1.73Uo)



Dimension(mm)					
Description of goods	Specification	Size of Conductor (mm <sup>2</sup> )	Description of goods	Specification	Size of Conductor (mm <sup>2</sup> )
Single core "XLPE" indoor termination kits	NSY-36/1.1	50-120	3-cores indoor termination kits	NSY-36/3.1	50-120
	NSY-36/1.2	150-240		NSY-36/3.2	150-240
	NSY-36/1.3	300-500		NSY-36/3.3	300-500
	NSY-36/1.4			NSY-36/3.4	
Single core "XLPE" outdoor termination kits	WSY-36/1.1	50-120	3-cores outdoor termination kits	WSY-36/3.1	50-120
	WSY-36/1.2	150-240		WSY-36/3.2	150-240
	WSY-36/1.3	300-500		WSY-36/3.3	300-500
	WSY-36/1.4			WSY-36/3.4	
Single core "XLPE" straight through joint	JSY-36/1.1	50-120	3-cores straight through joint	JSY-36/3.1	50-120
	JSY-36/1.2	150-240		JSY-36/3.2	150-240
	JSY-36/1.3	300-500		JSY-36/3.3	300-500
	JSY-36/1.4			JSY-36/3.4	

**SILICON RUBBER COLD SHRINKABLE CABLE ACCESSORIES**
**DESCRIPTION OF YYPE**


**LV COLD SHRINKABLE CABLE ACCESSORIES(0.6/1KV)**
**11KV COLD SHRINKABLE CABLE ACCESSORIES**

**4-cores 1kv cold shrinkable termination kit**

**4-cores 1kv cold shrinkable straight through joint**

**3-cores cold shrinkable straight through joint kit**
**Technical Data**

Property	Typical data
Ac withstand(under rain)	45KV/1min
Ac withstand(without rain)	45KV/1min
Impulse withstand	±105KV/10times
Dc withstand	-52KV/15min
Ac withstand	35KV/4h
Partial discharge test	<10Pc(1.73Uc)


**3-cores cold shrinkable outdoor termination kit**

Name	Type	Section	Name	Type	Section
Two-core terminal	LS-1/2.0	10-16	Two-core joint	JLS-1/2.0	10-16
	LS-1/2.1	25-50		JLS-1/2.1	25-50
	LS-1/2.2	70-120		JLS-1/2.2	70-120
	LS-1/2.3	150-240		JLS-1/2.3	150-240
	LS-1/2.4	300-500		JLS-1/2.4	300-500
Three-core terminal	LS-1/3.0	10-16	Three-core joint	JLS-1/3.0	10-16
	LS-1/3.1	25-50		JLS-1/3.1	25-50
	LS-1/3.2	70-120		JLS-1/3.2	70-120
	LS-1/3.3	150-240		JLS-1/3.3	150-240
	LS-1/3.4	300-500		JLS-1/3.4	300-500
Four-core terminal	LS-1/4.0	10-16	Four-core joint	JLS-1/4.0	10-16
	LS-1/4.1	25-50		JLS-1/4.1	25-50
	LS-1/4.2	70-120		JLS-1/4.2	70-120
	LS-1/4.3	150-240		JLS-1/4.3	150-240
Five-core terminal	LS-1/4.4	300-500	Five-core joint	JLS-1/4.4	300-500
	LS-1/5.0	10-16		JLS-1/5.0	10-16
	LS-1/5.1	25-50		JLS-1/5.1	25-50
	LS-1/5.2	70-120		JLS-1/5.2	70-120
	LS-1/5.3	150-240		JLS-1/5.3	150-240
	LS-1/5.4	300-500	JLS-1/5.4	300-500	

Description of goods	Specification	Size of Conductor (mm <sup>2</sup> )	Dimension(mm)	
			Specification	Size of Conductor (mm <sup>2</sup> )
Single core indoor termination kit	NLS-15/1.1	25-50	NLS-15/1.3	150-240
	NLS-15/1.2	70-120	NLS-15/1.4	300-500
Single core outdoor termination kit	WLS-15/1.1	25-50	WLS-15/1.3	150-240
	WLS-15/1.2	70-120	WLS-15/1.4	300-500
Single core straight through joint	JLS-15/1.1	25-50	JLS-15/1.3	150-240
	JLS-15/1.2	70-120	JLS-15/1.4	300-500
3-cores indoor termination kit	NLS-15/3.1	25-50	NLS-15/3.3	150-240
	NLS-15/3.2	70-120	NLS-15/3.4	300-500
3-cores outdoor termination kit	WLS-15/3.1	25-50	WLS-15/3.3	150-240
	WLS-15/3.2	70-120	WLS-15/3.4	300-500
3-cores straight through joint	JLS-15/3.1	25-50	JLS-15/3.3	150-240
	JLS-15/3.2	70-120	JLS-15/3.4	300-500

**24KV COLD SHRINKABLE CABLE ACCESSORIES**

**Technical Data**

Property	Typical data
Ac withstand(under rain)	50KV/1min
Ac withstand(without rain)	50KV/1min
Impulse withstand	± 125KV/10times
Dc withstand	-96KV/15min
Ac withstand	48KV/4h
Partial discharge test	≤10Pc(1.73Uo)


**3-cores cold shrinkable straight through joint kit**

**3-cores cold shrinkable outdoor termination kit**

Dimension(mm)

Description of goods	Specification	Size of Conductor (mm <sup>2</sup> )	Specification	Size of Conductor (mm <sup>2</sup> )
Single core indoor termination kit	NLS-24/1.1	25-50	NLS-24/1.3	150-240
	NLS-24/1.2	70-120	NLS-24/1.4	300-500
Single core outdoor termination kit	WLS-24/1.1	25-50	WLS-24/1.3	150-240
	WLS-24/1.2	70-120	WLS-24/1.4	300-500
Single core straight through joint	JLS-24/1.1	25-50	JLS-24/1.3	150-240
	JLS-24/1.2	70-120	JLS-24/1.4	300-500
3-cores indoor termination kit	NLS-24/3.1	25-50	NLS-24/3.3	150-240
	NLS-24/3.2	70-120	NLS-24/3.4	300-500
3-cores outdoor termination kit	WLS-24/3.1	25-50	WLS-24/3.3	150-240
	WLS-24/3.2	70-120	WLS-24/3.4	300-500
3-cores straight through joint	JLS-24/3.1	25-50	JLS-24/3.3	150-240
	JLS-24/3.2	70-120	JLS-24/3.4	300-500

**36KV COLD SHRINKABLE CABLE ACCESSORIES**

**Technical Data**

Property	Typical data
Ac withstand(under rain)	117KV/1min
Ac withstand(without rain)	117KV/1min
Impulse withstand	± 250KV/10times
Dc withstand	-156KV/15min
Ac withstand	104KV/4h
Partial discharge test	≤10Pc(1.73Uo)


**3-cores cold shrinkable outdoor termination kits**

Dimension(mm)

Description of goods	Specification	Size of Conductor (mm <sup>2</sup> )	Specification	Size of Conductor (mm <sup>2</sup> )	Specification	Size of Conductor (mm <sup>2</sup> )
Single core indoor termination kit	NLS-36/1.1	25-50	NLS-36/1.2	150-240	NLS-36/1.3	300-500
	NLS-36/1.2	70-120	NLS-36/1.4	300-500		
Single core outdoor termination kit	WLS-36/1.1	25-50	WLS-36/1.2	150-240	WLS-36/1.3	300-500
	WLS-36/1.2	70-120	WLS-36/1.4	300-500		
Single core straight through joint	JLS-36/1.1	25-50	JLS-36/1.2	150-240	JLS-36/1.3	300-500
	JLS-36/1.2	70-120	JLS-36/1.4	300-500		
3-cores indoor termination kit	NLS-36/3.1	25-50	NLS-36/3.2	150-240	NLS-36/3.3	300-500
	NLS-36/3.2	70-120	NLS-36/3.4	300-500		
3-cores outdoor termination kit	WLS-36/3.1	25-50	WLS-36/3.2	150-240	WLS-36/3.3	300-500
	WLS-36/3.2	70-120	WLS-36/3.4	300-500		
3-cores straight through joint	JLS-36/3.1	25-50	JLS-36/3.2	150-240	JLS-36/3.3	300-500
	JLS-36/3.2	70-120	JLS-36/3.4	300-500		

## ANTI-TRACKING BREAKOUT

Made from radiation cross-linked polyolefin and suitable to application up to 35KV, the properties of electrical insulation. UV resistant and weather proof make widely used in electric power industry to provide insulation with sealing over the crutch of multi-core cables.

### Technical Data

Property	Typical data	Property	Typical data
Hardness	80(Shore A)	Shrink temperature	120-140°C
Tensile strength	10Mpa	Shrink ration (dia)	250%
Elongation at break	300%	Longitudinal shrinkage	±5%



Dimension(mm)

Specification	Dia of Body	Dia of Finger	Size of Conductor (mm²)	Usage rang	Color
ZT-2.0	22/12	11/3.5	10-16	LV termination for 2-cores	Black
ZT-2.1	28/19	15/5	25-50		
ZT-2.2	56/23	26/8.5	70-120		
ZT-2.3	86/42	33/14	150-240		
ZT-3.00	26/20	11/5.4	10-16	L.V. - HV termination for 3-cores	Black, Red Mauve
ZT-3.0	53/26	25/7	25-60		
ZT-3.1	73/39	20/10	70-120		
ZT-3.2	88/48	38/15	150-240		
ZT-3.3	108/60	47/18	300-500		
ZT-3.4	125/70	65/25			
ZT-4.0	33/22	13/5	10-16	LV termination for 4-cores	Black
ZT-4.1	40/26	16/6	25-50		
ZT-4.2	64/33	26/7.5	70-120		
ZT-4.3	76/42	33/11	150-240		
ZT-5.0	35/21	13/5	10-16	LV termination for 5-cores	Black
ZT-5.1	52/29	16/6	25-50		
ZT-5.2	80/39	26/10	70-120		
ZT-5.3	93/46	33/11	150-240		

## ANTI-TRACKING INSULATION TUBING

Made from cross-linked polyolefin compounds, the high anti-tracking properties of the products provide max operation reliability. Used to provide insulation protection for cable terminal, joint, ect.



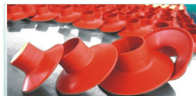
### Technical Data

Property	Typical data	Property	Typical data
Hardness	85(Shore A)	Dielectric constant	<2.5 ±
Tensile strength	12Mpa	Shrink temperature	120-140°C
Elongation at break	400%	Shrink ration (dia)	250%
Volume resistance	$1 \times 10^{14} \Omega \cdot \text{cm}$	Longitudinal shrinkage	±5%
Dielectric strength	≥20KV/mm	Oxygen index	27ox

Specification	Befor shrinkable (Dia of inside)	After shrinkable (Dia of inside)	Wall thickness after shrinkable	Length	Color
ZY-6-10/4	>10	<4			Black, Red, Green, Blue, Yellow
ZY-6-15/6	>15	<8			
ZY-6-20/8	>20	<8	2±0.1	1000	
ZY-6-30/10	>30	<10			Red, Mauve
ZY-6-40/14	>40	<14			
ZY-6-50/12	50±1	<12			
ZY-6-30/15	35±1	<15			Red, Mauve
ZY-6-40/18	40±1	<18	2.8±0.1	1000	
ZY-6-50/20	50±1	<20			
ZY-6-50/20	50±1	<20			Red, Mauve
ZY-6-60/22	60±1	<22	3.3±0.1	1000	
ZY-6-75/25	70±1	<25			

## ANTI-TRACKING RAIN SHED

Made from High creep resistance, anti-tracking polyolefin compounds and coated with anti-track, weather resistant mastic, the high creep resistance and anti-tracking properties of the products provide max operation reliability. Used to provide insulation protection for cable termination.



Dimension(mm)

Specification	Befor shrinkable (Dia of inside)	After shrinkable (Dia of inside)	Wall thickness after shrinkable	Length	Color
YQ-6-30/12	30±1	<12		>100	Red
YQ-6-40/15	40±1	<15		>105	
YQ-6-50/18	50±1	<18	3±0.2	>110	black
YQ-6-60/23	60±1	<23		>115	mauve
YQ-6-70/25	70±1	<25		>120	

## ANTI-TRACKING BREAKOUT

Made from radiation cross-linked polyolefin and suitable to application up to 35KV, the properties of electrical insulation. UV resistant and weather proof make widely used in electric power industry to provide insulation with sealing over the crutch of multi-core cables.

### Technical Data

Property	Typical data	Property	Typical data
Hardness	80(Shore A)	Shrink temperature	120-140°C
Tensile strength	10Mpa	Shrink ration (dia)	250%
Elongation at break	300%	Longitudinal shrinkage	±5%



Dimension(mm)

Specification	Dia of Body	Dia of Finger	Size of Conductor (mm²)	Usage rang	Color
ZT-2.0	22/12	11/3.5	10-16	LV termination for 2-cores	Black
ZT-2.1	28/19	15/5	25-50		
ZT-2.2	56/23	26/8.5	70-120		
ZT-2.3	86/42	33/14	150-240		
ZT-3.00	26/20	11/5.4	10-16	LV, HV termination for 3-cores	Black, Red Mauve
ZT-3.0	53/26	25/7	25-60		
ZT-3.1	73/39	30/10	70-120		
ZT-3.2	88/48	38/15	150-240		
ZT-3.3	108/60	47/18	300-500		
ZT-3.4	125/70	65/25			
ZT-4.0	33/22	13/5	10-16	LV termination for 4-cores	Black
ZT-4.1	40/26	16/6	25-50		
ZT-4.2	64/33	26/7.5	70-120		
ZT-4.3	76/42	33/11	150-240		
ZT-5.0	35/21	13/5	10-16	LV termination for 5-cores	Black
ZT-5.1	52/29	16/6	25-50		
ZT-5.2	80/39	26/10	70-120		
ZT-5.3	93/46	33/11	150-240		

## ANTI-TRACKING INSULATION TUBING

Made from cross-linked polyolefin compounds, the high anti-tracking properties of the products provide max operation reliability. Used to provide insulation protection for cable terminal, joint, ect.



### Technical Data

Property	Typical data	Property	Typical data
Hardness	85(Shore A)	Dielectric constant	<2.5 ±
Tensile strength	12Mpa	Shrink temperature	120-140°C
Elongation at break	400%	Shrink ration (dia)	250%
Volume resistance	1 × 10 <sup>14</sup> Ω·cm	Longitudinal shrinkage	±5%
Dielectric strength	≥20KV/mm	Oxygen index	27ox

Specification	Before shrinkable (Dia of inside)	After shrinkable (Dia of inside)	Wall thickness after shrinkable	Length	Color
ZY-6-10/4	>10	<4			Black, Red, Green, Blue, Yellow
ZY-6-15/6	>15	<8		1000	
ZY-6-20/8	>20	<8	2±0.1		
ZY-6-30/10	>30	<10			Red, Mauve
ZY-6-40/14	>40	<14		1000	
ZY-6-50/18	50±1	<18	2.8±0.1		
ZY-6-30/12	30±1	<12			Red, Mauve
ZY-6-35/15	35±1	<15		1000	
ZY-6-40/18	40±1	<18			
ZY-6-50/20	50±1	<20			
ZY-6-60/22	60±1	<22	3.3±0.1	1000	
ZY-6-75/25	70±1	<25			

## ANTI-TRACKING RAIN SHED

Made from High creep resistance, anti-tracking polyolefin compounds and coated with anti-track, weather resistant mastic, the high creep resistance and anti-tracking properties of the products provide max operation reliability. Used to provide insulation protection for cable termination.



Dimension(mm)

Specification	Before shrinkable (Dia of inside)	After shrinkable (Dia of inside)	Wall thickness after shrinkable	Length	Color
YQ-6-30/12	30 ± 1	<12		>100	Red
YQ-6-40/15	40 ± 1	<15		>105	
YQ-6-50/18	50 ± 1	<18	3 ± 0.2	>110	black
YQ-6-60/23	60 ± 1	<23		>115	mauve
YQ-6-70/25	70 ± 1	<25		>120	



**OIL RESISTANT HEAT SHRINKABLE TUBING**

OST is manufactured with radiation cross-linked of resistant polyolefin, and suitable for application in power cable terminations and joints up to 36KV


**Technical Data**

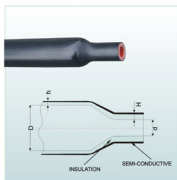
Property	Typical Data
Operating temperature	-40℃+110℃
Tensile strength	≥13Mpa
Elongation at break	≥400%
Longitudinal shrinkage	0 to-10%
Dielectric strength	≥20KV/mm
Volume resistance	≤10 <sup>14</sup> Ω.cm
Water absorption(23℃/14days)	<0.5%
Oil resistance	Pass

Dimension(mm)

Specification	Before shrinkable (Dia of Inside)	After shrinkable (Dia of Inside)	Wall thickness after shrinkable	Length
OST-φ19/6	19	6	2.0	300
OST-φ25/10	25	10	2.0	300
OST-φ30/12	30	12	2.0	300
OST-φ35/14	35	14	2.5	300
OST-φ40/16	40	16	2.5	300
OST-φ50/20	50	20	2.5	15
OST-φ65/25	65	25	3.0	15
OST-φ85/35	85	35	3.0	15

**SEMI-CONDUCTING/INSULATION DOUBLE LAYER HEAT SHRINKABLE TUBING**

Dual wall heat shrinkable tubing which inner layer is made from insulation material to provide high insulation and external layer is made from semi-conductive materials to provide electric shielding. The tubing manufactured with special technology, it is very suitable for applications in power cable joint up to 36KV


**Technical Data**

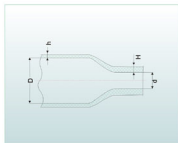
Property	Typical Data
Inner layer	
Tensile strength	≥12Mpa
Elongation at break	≥300%
Water absorption	<0.5%
Volume resistance	≥10 <sup>14</sup> Ω.cm
Dielectric strength	≥20KV/mm
Density	1.1g/cm <sup>3</sup>
External layer	
Tensile strength	≥14Mpa
Elongation at break	≥300%
Water absorption	<0.5%
Volume resistance	<10 <sup>14</sup> Ω.cm
Density	1.2g/cm <sup>3</sup>

Dimension(mm)

Specification	Before shrinkable (D)	After shrinkable (d)	Wall thickness after shrinkable(H)	Length
DWST-φ30/12	30	12	5.0	1000
DWST-φ35/13	35	13	5.0	1000
DWST-φ45/15	45	15	5.0	1000
DWST-φ55/20	55	20	5.0	1000
DWST-φ65/25	65	25	5.0	1000
DWST-φ85/30	85	30	5.0	1000
DWST-φ100/38	100	38	5.5	1000
DWST-φ120/45	120	45	5.5	1000

## SEMI-CONDUCTIVE HEAT SHRINKABLE TUBING

SCST is manufactured with radiation cross-linked conductive polyolefin and suitable for application in power cable accessories. Specialty developed chemical formulation provides effective insulation screen on the high voltage cable connectors.



## Technical Data

Property	Typical Data
Operating temperature	-45℃~+105℃
Tensile strength	≥14Mpa
Elongation at break	≥300%
Water absorption	<0.15%
Elongation at break after aging	≥200%
Volume resistance	<10 <sup>12</sup> Ω.cm
Longitudinal shrinkage	0.±5%
Eccentricity	<30%

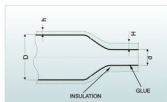
Dimension(mm)

Specification	Before shrinkable (D)	After shrinkable (H)	Wall thickness after shrinkable(H)	Length
SCST-φ 33/8	33	8	2.5	1000
SCST-φ 40/12	40	12	2.5	1000
SCST-φ 55/16	55	16	2.5	1000
SCST-φ 75/22	75	22	2.5	1000
SCST-φ 95/25	95	25	2.7	1000
SCST-φ 120/34	120	34	3.0	1000
SCST-φ 140/42	140	42	3.0	1000
SCST-φ 180/58	180	58	3.0	1000

## MEDIUM WALL HEAT SHRINKABLE TUBING WITH HOT MELTING ADHESIVE

HMA is medium wall heat shrinkable tube with hot melt adhesive, having properties of excellent insulating, environmental sealing and resistant to impact and abrasion. It is designed for application to seal and protect electrical splices, cable terminations and joints where electrical insulation and water proof are required. 3:1 shrink ratio allows it easily fit over irregular shape and large connectors.

Standard color: Black



## Technical Data

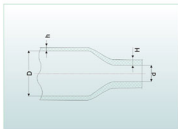
Property	Typical Data
Operating temperature	-65℃~+110℃
Tensile strength	≥14Mpa
Tensile strength after aging(150℃/168hrs)	≥12Mpa
Elongation at break	≥400%
Elongation at break after aging(150℃/168hrs)	≥300%
density	1.05g/cm <sup>3</sup>
Longitudinal shrinkage	0 to-10%
Dielectric strength	≥20kV/mm
Volume resistance	>10 <sup>12</sup> Ω.cm
Eccentricity	<30%
Copper stability	Pass
Resistance to stress cracking(50℃)	No cracking
Water absorption (23℃/14days)	<0.10%
Thermoplastic Adhesive	
Water absorption	<0.2%
Softening point	85℃
Peel strength	4N/cm
Copper stability	No-corrosive
Resistance to fungus and decay	Pass

Dimension(mm)

Specification	Before shrinkable (D)	After shrinkable		Length
		(d)	(H)	
HMA-φ 32	8	2	1.7	1000-1500
HMA-φ 123	12	3	2.0	1000-1500
HMA-φ 165	16	5	2.2	1000-1500
HMA-φ 185	19	5	2.5	1000-1500
HMA-φ 226	22	6	2.5	1000-1500
HMA-φ 286	28	6	2.5	1000-1500
HMA-φ 338	33	8	2.5	1000-1500
HMA-φ 49/12	40	12	2.5	1000-1500
HMA-φ 55/16	55	16	2.7	1000-1500
HMA-φ 65/19	65	19	2.8	1000-1500
HMA-φ 75/22	75	22	3.0	1000-1500
HMA-φ 85/25	85	25	3.0	1000-1500
HMA-φ 95/25	95	25	3.0	1000-1500
HMA-φ 115/34	115	34	3.0	1000-1500
HMA-φ 140/42	140	42	3.0	1000-1500
HMA-φ 160/50	160	50	3.0	1000-1500
HMA-φ 180/58	180	58	3.0	1000-1500
HMA-φ 205/65	205	65	3.0	1000-1500
HMA-φ 235/65	235	65	3.0	1000-1500
HMA-φ 265/75	265	75	3.0	1000-1500
HMA-φ 300/85	300	85	3.0	1000-1500
HMA-φ 350/100	350	100	3.0	1000-1500

**MEDIUM WALL HEAT SHRINKABLE TUBING WITHOUT HOT MELTING ADHESIVE**

HM is medium wall heat shrinkable tube without hot melt adhesive, having properties of excellent insulating, environmental sealing and resistant to impact and abrasion. It is designed for application to seal and protect electrical splices, cable terminations and joints where electrical insulation and water proof are required. 3:1 shrink ratio allows it easily fit over irregular shape and large connectors.  
Standard color: Black



**Technical Data**

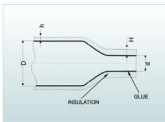
Property	Typical Data
Operating temperature	-65℃ to +110℃
Tensile strength	≥ 14Mpa
Tensile strength after aging (150℃/168hrs)	≥ 12Mpa
Elongation at break	≥ 400%
Elongation at break after aging (150℃/168hrs)	≥ 300%
Density	1.05g/cm <sup>3</sup>
Longitudinal shrinkage	0 to 10%
Dielectric strength	≥ 25kV/mm
Volume resistance	> 10 <sup>12</sup> Ω.cm
Eccentricity	< 30%
Copper stability	Pass
Resistance to stress cracking(50℃)	No cracking
Water absorption (23℃/144hrs)	< 0.15%

Dimension(mm)

Specification	Before shrinkable (D)			Length
	(d)	(H)		
HM-φ82	8	2	1.7	1000-1500
HM-φ120	12	3	2.0	1000-1500
HM-φ165	16	5	2.2	1000-1500
HM-φ226	22	6	2.5	1000-1500
HM-φ258	25	6	2.5	1000-1500
HM-φ338	33	8	2.5	1000-1500
HM-φ4912	40	12	2.5	1000-1500
HM-φ5516	55	16	2.7	1000-1500
HM-φ6519	65	19	2.8	1000-1500
HM-φ7522	75	22	3.0	1000-1500
HM-φ8525	85	25	3.0	1000-1500
HM-φ9525	95	25	3.0	1000-1500
HM-φ11504	115	34	3.0	1000-1500
HM-φ14342	140	42	3.0	1000-1500
HM-φ16050	160	50	3.0	1000-1500
HM-φ18058	180	58	3.0	1000-1500
HM-φ20565	205	65	3.0	1000-1500
HM-φ23565	235	65	3.0	1000-1500
HM-φ26575	265	75	3.0	1000-1500
HM-φ30085	300	85	3.0	1000-1500
HM-φ350100	350	100	3.0	1000-1500

**HEAVY WALL HEAT SHRINKABLE TUBING WITH HOT MELTING ADHESIVE**

Have properties of excellent insulating, environmental sealing, and resistant to impact and abrasion for applications to seal and protect electrical and communication connections, providing excellent mechanical protection to cable joints and terminations. 3:1 shrink ratio allows it easily fit over irregular shape and large connectors. HRA is recommended to apply for light cable and wire harnesses, where requiring waterproofing, protection of connector components, and thus encapsulates and seals components contained within the tubing. Resistant to UV-radiation High electrical insulation Superior mechanical property  
Minimum fully recovery temperature: 120℃  
Standard color: Black



**Technical Data**

Property	Typical Data
Operating temperature	-35℃ to +110℃
Tensile strength	≥ 14Mpa
Elongation at break	≥ 400%
Density	0 to 10%
Elongate at break after aging	≥ 300%
Dielectric strength	≥ 20kV/mm
Volume resistance	≥ 10 <sup>12</sup> Ω.cm
Copper stability	Pass
Resistance to stress cracking(50℃)	No Cracking
Cold bend test (-55℃/4hrs)	No Cracking
Water absorption	< 0.1%
Softening point	80℃
Peel strength to stainless steel	50N/25mm
Copper stability	Non-corrosive
Resistance to fungus and decay	Pass

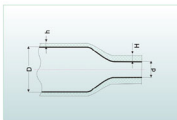
Dimension(mm)

Specification	Before shrinkable (D)	After recovered		Tube shape	Length
		(d)	(H)		
HRA-φ93	9	3	1.8	○	1000-1500
HRA-φ134	13	4	2.4	○	1000-1500
HRA-φ226	22	6	2.7	○	1000-1500
HRA-φ338	33	8	3.2	○	1000-1500
HRA-φ4012	40	12	4.1	○	1000-1500
HRA-φ4512	45	12	4.1	○	1000-1500
HRA-φ5516	55	16	4.1	○	1000-1500
HRA-φ7522	75	22	4.1	○	1000-1500
HRA-φ8525	85	25	4.3	○	1000-1500
HRA-φ9530	95	30	4.3	○	1000-1500
HRA-φ10530	105	30	4.3	○	1000-1500
HRA-φ13036	130	36	4.3	-	1000-1500
HRA-φ16050	160	50	4.3	-	1000-1500
HRA-φ18050	180	50	4.3	-	1000-1500
HRA-φ20060	200	60	4.3	-	1000-1500

**HEAVY WALL HEAT SHRINKABLE TUBING WITHOUT HOT MELTING ADHESIVE**

Have properties of excellent insulating, environmental sealing, and resistant to impact and abrasion for applications to seal and protect electrical and communication connections, providing excellent mechanical protection to cable joints and terminations, 3:1 shrink ratio allows it easily fit over irregular shape and large connectors.

HR is recommended to apply for light cable and wire harnesses, where requiring waterproofing, protection of connector components, and thus encapsulates and seals components contained within the tubing. Resistant to UV-radiation, High electrical insulation, Superior mechanical property Minimum fully recovery temperature:120°C Standard color: Black



**Technical Data**

Property	Typical Data
Operating temperature	-35°C to +110°C
Tensile strength	≥14MPa
Elongation at break	≥400%
Density	0 to 10%
Elongation at break after aging	≥300%
Dielectric strength	≥20KV/mm
Volume resistance	≥ 10 <sup>14</sup> Ω.cm
Copper stability	Pass
Resistance to stress cracking(50°C)	No Cracking
Cold bend test (-55°C/4hs)	No Cracking
Water absorption	<0.1%
Softening point	80°C
Peel strength to stainless steel	50N/25mm
Copper stability	Non-comosive
Resistance to fungus and decay	Pass

Dimension(mm)

Specification	Before shrinkable (D)	After recovered		Tube shape	Length
		(d)	(H)		
HR-φ8/3	9	3	1.8	○	1000-1500
HR-φ13/4	13	4	2.4	○	1000-1500
HR-φ22/6	22	6	2.7	○	1000-1500
HR-φ33/8	33	8	3.2	○	1000-1500
HR-φ40/12	40	12	4.1	○	1000-1500
HR-φ45/12	45	12	4.1	○	1000-1500
HR-φ55/16	55	16	4.1	○	1000-1500
HR-φ75/22	75	22	4.1	○	1000-1500
HR-φ85/25	85	25	4.3	○	1000-1500
HR-φ95/30	95	30	4.3	○	1000-1500
HR-φ105/30	105	30	4.3	○	1000-1500
HR-φ130/36	130	36	4.3	-	1000-1500
HR-φ160/50	160	50	4.3	-	1000-1500
HR-φ180/50	180	50	4.3	-	1000-1500
HR-φ200/80	200	60	4.3	-	1000-1500

**FLAME RETARDANT HEAT SHRINKABLE THIN WALL TUBING**

The properties of low shrinking temperature, flexibility and superior mechanical strength make them widely used in the field of electronics,communication,automobiles etc. Operating temperature: -55°C to +110°C Shrink temperature: 120°C



**Technical Data**

Property	Typical Data
Shrink ration(dia)	>50%
longitudinal shrinkage	<10%
Tensile strength	>15Mpa
Dielectric strength	≥20KV/mm
Volume resistance	> 10 <sup>14</sup> Ω.cm
Water absorption	<0.1%
Operating temperature	-55°C to +105°C
Shrink temperature	90°C
Elongation at break after aging	>300%
Color	Red, green, yellow, black blue, white, transparent

Dimension(mm)

Specification	Before shrinkable (Dia of inside)	After shrinkable(Dia of inside)	Wall thickness after shrinkable	Length
ZDG-φ10/5	1	0.5	0.4±0.05	200
ZDG-φ1.5/0.75	1.5	0.75	0.4±0.05	200
ZDG-φ2/1	2	1	0.45±0.05	200
ZDG-φ3/1.5	3	1.5	0.45±0.05	200
ZDG-φ3.5/1.75	3.5	1.75	0.45±0.05	200
ZDG-φ4/2	4	2	0.45±0.05	200
ZDG-φ5/2.5	5	2.5	0.45±0.05	200
ZDG-φ6/3	6	3	0.5±0.05	100
ZDG-φ7/3.5	7	3.5	0.5±0.05	100
ZDG-φ8/4	8	4	0.55±0.05	100
ZDG-φ9/4.5	9	4.5	0.55±0.05	100
ZDG-φ10/5	10	5	0.55±0.05	100
ZDG-φ11/5.5	11	5.5	0.55±0.05	100
ZDG-φ12/6	12	6	0.6±0.05	100
ZDG-φ13/6.5	13	6.5	0.6±0.05	100
ZDG-φ14/7	14	7	0.6±0.05	100
ZDG-φ15/7.5	15	7.5	0.6±0.05	100
ZDG-φ16/8	16	8	0.65±0.05	100
ZDG-φ17/8.5	17	8.5	0.65±0.05	100
ZDG-φ18/9	18	9	0.7±0.05	100
ZDG-φ20/10	20	10	0.7±0.05	100
ZDG-φ22/11	22	11	0.8±0.05	100
ZDG-φ25/12.5	25	12.5	0.9±0.05	100
ZDG-φ28/14	28	14	0.9±0.05	100
ZDG-φ30/15	30	15	0.9±0.05	50
ZDG-φ35/17.5	35	17.5	0.9±0.05	50
ZDG-φ40/20	40	20	1.0±0.05	50
ZDG-φ50/25	50	25	1.0±0.05	50
ZDG-φ60/30	60	30	1.0±0.05	50
ZDG-φ70/35	70	35	1.0±0.05	25
ZDG-φ80/40	80	40	1.0±0.05	25
ZDG-φ90/45	90	45	1.1±0.05	25
ZDG-φ100/50	100	50	1.1±0.05	25
ZDG-φ110/55	110	55	1.2±0.05	25
ZDG-φ120/60	120	60	1.2±0.05	25
ZDG-φ150/75	150	75	1.2±0.05	15
ZDG-φ180/90	180	90	1.2±0.05	15
ZDG-φ200/100	200	100	1.2±0.05	15

### FLAME RETARDANT HEAT SHRINKABLE THIN WALL TUBING (YELLOW AND GREEN STRIPED)

The properties of low shrinking temperature, flexibility and superior mechanical strength make them widely used in the field of electronics, communication, automobile etc.  
Operating temperature : -55°C to +110°C  
Shrink temperature: 120°C  
Standards colors: Yellow and Green striped.



Dimension(mm)

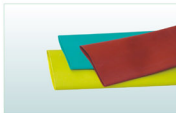
Specification	Before shrinkable (Dia of inside)	After shrinkable(Dia of inside)	Wall thickness after shrinkable	Length
ZYG-φ1/0.3	1	0.5	0.37±0.05	300
ZYG-φ1.5/0.75	1.5	0.75	0.38±0.05	300
ZYG-φ2/1	2	1	0.38±0.1	300
ZYG-φ3/1.5	3	1.5	0.40±0.1	300
ZYG-φ3.5/1.75	3.5	1.75	0.40±0.1	300
ZYG-φ4/2	4	2	0.40±0.1	300
ZYG-φ5/2.5	5	2.5	0.42±0.1	300
ZYG-φ6/3	6	3	0.42±0.1	100
ZYG-φ7/3.5	7	3.5	0.42±0.1	100
ZYG-φ8/4	8	4	0.42±0.1	100
ZYG-φ9/4.5	9	4.5	0.42±0.1	100
ZYG-φ10/5	10	5	0.48±0.1	100
ZYG-φ11/5.5	11	5.5	0.48±0.1	100
ZYG-φ12/6	12	6	0.48±0.1	100
ZYG-φ13/6.5	13	6.5	0.50±0.1	100
ZYG-φ14/7	14	7	0.50±0.1	100
ZYG-φ15/7.5	15	7.5	0.52±0.1	100
ZYG-φ16/8	16	8	0.55±0.1	100
ZYG-φ17/8.5	17	8.5	0.58±0.1	100
ZYG-φ18/9	18	9	0.58±0.1	100
ZYG-φ20/10	20	10	0.60±0.1	100
ZYG-φ22/11	22	11	0.62±0.1	100
ZYG-φ25/12.5	25	12.5	0.65±0.1	100
ZYG-φ28/14	28	14	0.70±0.1	50
ZYG-φ30/15	30	15	0.75±0.1	50
ZYG-φ35/17.5	35	17.5	0.78±0.2	50
ZYG-φ40/20	40	20	0.78±0.2	50
ZYG-φ50/25	50	25	0.78±0.2	50
ZYG-φ60/30	60	30	0.80±0.2	25
ZYG-φ70/35	70	35	0.86±0.2	25
ZYG-φ80/40	80	40	0.88±0.2	25
ZYG-φ90/45	90	45	0.90±0.2	25
ZYG-φ100/50	100	50	1.00±0.2	25
ZYG-φ110/55	110	55	1.10±0.2	25
ZYG-φ120/60	120	60	1.20±0.2	15
ZYG-φ150/75	150	75	1.50±0.2	15

### MPG BUS-BAR INSULATION HEAT SHRINKABLE TUBING

MPG is medium wall heat shrinkable tubing. Made from specially formulated radiation cross-linked halogen free compounds. It can provide high resistance to tracking and arcing. Used to enhance the insulation properties of bus-bar in switch and substation to adapt to application in insulating medium voltage bus-bar up to 11kv, 24kv,36kv.



Heat shrinkable Bus-bar sleeve tubing for 25M



Heat shrinkable Bus-bar sleeve tubing for 1M

#### Technical Data

Property	Typical Data
Hardness	<80(Shoeh A)
Shrink ration(da)	>50%
Longitudinal shrinkage	<5%
Tensile strength	>12Mpa
Dielectric strength	≥23KV/mm
Volume resistance	<10 <sup>-10</sup> Ω.cm
Shrink temperature	120~140°C
Elongational break after aging	>400%

#### Technical Data

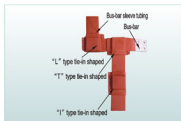
Property	Typical Data
Tensile strength	>12Mpa
Dielectric strength	≥25KV/mm
Volume resistance	>10 <sup>-10</sup> Ω.cm
Water absorption	≤0.1%
Operating temperature	-55~+105°C
Shrink temperature	120~140°C
Color	Red, yellow, blue

Dimension(mm)

Specification	Bus-bar width	Before shrinkable (Dia of inside)	After shrinkable (Dia of inside)	Wall thickness before shrinkable	Wall thickness after shrinkable	Length
MPG-φ20/8	20~30	>20	<8	1.0~1.5	2.6~3.6	1000-1220/pcs or 25M/roll
MPG-φ25/10	20~30	>25	<10	1.0~1.5	2.6~3.6	
MPG-φ30/12	30~40	>30	<12	1.0~1.5	2.6~3.6	
MPG-φ40/16	40~50	>40	<16	1.0~1.5	2.6~3.6	
MPG-φ50/20	50~60	>50	<20	1.0~1.5	2.6~3.6	
MPG-φ65/25	60~70	>65	<25	1.0~1.5	2.6~3.6	
MPG-φ75/30	80~90	>75	<30	1.0~1.5	2.6~3.6	
MPG-φ85/35	90~100	>85	<35	1.0~1.5	2.6~3.6	
MPG-φ100/40	120	>100	<40	1.0~1.5	2.6~3.6	
MPG-φ120/50	140	>120	<50	1.0~1.5	2.6~3.6	
MPG-φ150/60	180	>150	<60	1.0~1.5	2.6~3.6	

**MPH HEAT SHRINKABLE BUS-BAR TIE-IN SHAPED**
**DESCRIPTION OF TYPE**


Made from specially formulated radiation cross-linked halogen free compounds. It can provide high resistance to tracking and arcing. Used to enhance the insulation properties of bus-bar in switch and substation to safe protect up to 11kv, 24kv,36kv.


**Technical Data**

Item	Unit	Data	Item	Unit	Data
hardness	Shore A	85	Flame retardant	VM-1	
Tensile strength	Mpa	>12	Dielect strength	KV/mm	>20
Elongation at break after aging	%	>300	Volume resistance	$\Omega \cdot \text{cm}$	$1^{*}10^{12}$
Water absorption	%	<0.1	Overly temperate	$^{\circ}\text{C}$	-30~+25



Dimension(mm)

Type	Specification	Suit for Bus-bar size (width* thickness)	Notes
MPH-R-L22	100*10*100*10	100*10; 100*10	Red ; Tie is "L" 100*10 double bus-bar and 100*10 double bus-bar partner
MPH-Y-T12	100*10*80*10	100*10; 80*10	Yellow; Tie is "T" 100*10 single bus-bar and 80*10 double bus-bar partner
MPH-G-I11	120*10*120*10	120*10; 120*10	Green ; Tie is "I" 120*10 single bus-bar and 100*10 single bus-bar partner
MPH-R-X22	100*10*100*10	100*10; 100*10	Red ; Tie is "X" 100*10 double bus-bar and 100*10 double bus-bar partner

**Heat shrinkable Bus-bar insulation tape**

MPT is made from radiation cross-linked polyolefin. The dual layer structure of insulation/hot melt adhesive effectively provides electric insulation and shock protection to bus-bar up to 24KV. Widely used to protect irregular shape bus-bar or connectors where tube products can not be applied. Standard color: red


**Technical Data**

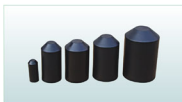
Property	Typical Data
Tensile strength	$\approx 11.8\text{Mpa}$
Tensile strength after aging	$\approx 10\text{Mpa}$
Elongation at break	$\approx 550\%$
Elongation at break after aging	$\approx 450\%$
Dielectric strength	$\approx 20\text{KV/mm}$
Volume resistance	$\approx 10^{13} \Omega \cdot \text{cm}$
Volume constant	3.5(max)
Copper corrosion	No corrosion
Water absorption	<0.5%
Flammability	Self-extinguish in 60sec

Dimension(mm)

Specification	Before shrinkable width	Before shrinkable wall Thickness	Length (M)
MPT-1	25	1.0 $\pm$ 0.1	5
MPT-2	50	1.0 $\pm$ 0.1	5
MPT-4	100	1.0 $\pm$ 0.1	5

**HEAT SHRINKABLE CABLE END CAPS WITH SPIRAL ADHESIVE COATING**

RSM offers an economical means of sealing the end of power cable with completely watertight seal. The internal surface of the end cap has a layer of spiral coated hot melt adhesive. Which retains its flexible properties after recovery. RSM is recommended for application both in open air and on underground power distribution cables with PVC, lead or XLPE sheaths.



Dimension(mm)

Specification	Before shrinkable		After shrinkable			Cable Dia
	Dia	Dia	A	L	Dw	
RSM-12/4	12	4	15	40	2.6	4-10
RSM-14/5	14	5	18	45	2.2	5-12
RSM-20/6	20	6	25	55	2.8	6-16
RSM-25/8.5	25	8.5	30	68	3.3	10-20
RSM-35/16	35	16	35	83	3.3	17-30
RSM-40/15	40	15	40	83	3.5	18-32
RSM-55/26	55	26	50	103	4.0	28-48
RSM-75/36	75	36	55	120	4.0	45-68
RSM-100/52	100	52	70	140	4.0	55-90
RSM-120/60	120	60	70	150	4.0	65-110
RSM-145/60	145	60	70	150	4.0	70-130
RSM-160/82	160	82	70	150	4.0	90-150
RSM-200/90	200	90	70	160	4.2	100-180

**Technical Data**

Property	Typical Data
Operating temperature	-55℃ to +110℃
Tensile strength	>14MPa
Elongation at break	>400%
Density	1.05
Elongation at break after aging	>300%
Dielectric strength	>15KV/mm
Volume resistance	>10 <sup>14</sup> Ω.cm

**HEAT SHRINKABLE MEDIUM VOLTAGE RIGHT ANGLE/STRAIGHT**

Made from radiation cross-linked polyolefin. The specially designed formulation makes the boots with excellent performance of electrically insulating, anti-tracking, LM resistant, weather proof and flame retardant. It can be safely used in protecting cable end up to 35kV against flash-over or surges induce during working life in switch gear and transformer boxes.

Minimum shrink temperature:110℃  
Minimum fully recovery temperature:130℃  
Stand color:Red



Dimension(mm)

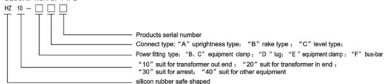
Type	Order Ref Number	As supplied		After recovered							
		D1 (Min.)	D2 (Min.)	D1 (Max.)	D2 (Max.)	L1 (±10%)	L2 (±10%)	L (±10%)	W1 (±10%)	W2 (±10%)	
Right Angle	ZJJ110(80/36-35/18)	80	35	36	18	170	125	/	4.2	3.5	
	ZJJ120(80/36-50/18)	80	50	36	18	170	125	/	3.8	3.5	
	ZJJ130(80/36-50/27)	80	50	36	27	160	140	/	3.8	3.5	
	ZJJ140(95/38-70/28)	95	70	38	28	160	140	/	4.2	4.8	
	ZJJ150(145/72-68/34)	145	68	72	34	215	140	/	4.0	4.0	
Straight	ZJJ160(80/35-58/20)	80	34	35	20	145	30	220	3.2	3.2	
	ZJJ170(80/35-34/20)	80	58	35	20	145	30	220	3.2	3.2	
	ZJJ180(140/65-90/33)	140	90	65	33	155	40	320	4.0	4.0	

**Technical Data**

Property	Typical Data
Tensile strength	>12Mpa
Tensile strength after aging (120℃/168hrs)	>8.5Mpa
Elongation at break	>300%
Elongation at break after aging (150℃/168hrs)	>200%
Dielectric strength	>15kV/mm
Volume resistance	>10 <sup>14</sup> Ω.cm
Tracking resistance (3.75KV/hr)	Pass
Water absorption	0.1%(max)
Flammability(oxygen index)	>25
Copper corrosion (120℃/168hrs)	No copper
Cold bend(-40℃/4hrs)	No cracking

**SILICON RUBBER SAFE SHAPED FOR POWER TRANSFORMER**

**DESCRIPTION OF TYPE**



H2 silicon rubber safe shaped good electric insulation, Waterproof, seal, safe products. It have install convenience, environment adaptability good. Mainly used at insulation product the bus-bar connection of Electric factory, transformer substitution for safe protect, refuse the short circuit by the animal crawl, avoid people connect by body, pollution and flashover happen, reduce the air and harmful gas corrupt the conductor materials, delay the electric equipment use life



**Technical Data**

Item	Units	Data	Item	Units	Data
Tensile strength	Mpa	85	Flame retardant		VM-1
Elongation at break after aging	%	>400	Volume resistance	Ω.cm	1*10 <sup>10</sup>
Dielectric strength	Kv/mm	>20	Operating temperature	℃	-40~+25

Picture	Code number	Type	Suit for gold tool, out ways purpose
	B001	HZ30-DCD1	10KV Silicon rubber armrest Connect lug level out
	G002	HZ20-DCD1	10kv 25-500kva oil armrest Use high power connect lug, level ways out
	G003	HZ20-EB02	10kv 25-500kva oil armrest Use high power connect lug, rake ways out
	G004	HZ20-EC01	10kv 25-500kva oil armrest Use high power equipment clamp, rake ways out
	G005	HZ20-DCD2	10kv 25-500kva oil armrest Use high power connect lug, rake ways out
	G006	HZ20-BB02	10kv 25-500kva oil armrest Use high power helix clamp, rake ways out
	D001	HZ10-DCD3	10kv 25-500kva oil armrest Use lower power connect lug, level ways out
	D006	HZ10-DCD1	10kv 25-500kva oil armrest Use lower power connect lug, bus-bar, level ways out
	D002	HZ10-CA01	10kv 25-500kva oil armrest Use lower power clamp and bus-bar connect, level ways out
	D003	HZ10-BB01	10kv 25-500kva oil armrest Use lower power clamp, rake ways out
	D013	HZ10-BB02	10kv 25-500kva oil armrest Use lower power clamp, rake ways out
	D013A	HZ10-BB-03	10kv 25-500kva oil armrest Use lower power clamp and connect with the equipment clamp, rake ways out
	D004	HZ10-CB01	10kv 25-500kva oil armrest Use lower power clamp and connect with lug, rake ways out
	D014	HZ10-EC02	10kv 25-500kva oil armrest Use lower power clamp and connect with lug, rake ways out
	D009	HZ10-EC01	10kv 25-500kva oil armrest Use lower power, 38, 48 equipment clamp, level ways out
	D019	HZ10-EC02	10kv 25-500kva oil armrest Use lower power, 38, 48 equipment clamp, level ways out
	D005	HZ10-FC02	10kv 25-500kva oil armrest Use lower power, bus-bar, level ways out
	D008	HZ-10-EC04	10kv 25-500kva oil armrest Use lower power, 38, 48 equipment clamp, rake ways out
	RW11	HZ40-RW11	Suit for 10kv RW series 100A, 200A decline switch
	GW9	HZ40-GW9	Suit for 10kv GWseries segregate switch

**SELF AMALGAMATING TAPE**

A High quality, high specification self-amalgamating / self-fusing tape. Suitable for permanently waterproofing of electrical cables and cable joints. Can also be used for fast, temporary repairs to hoses and water pipes. Completely water and UV resistant. Used to joint and repair a wide range of power and distribution cables up to 48 kV. Used for making watertight seals when joining cables, both above and below ground. Good physical and electrical properties. Excellent self-amalgamation, heat and aging characteristics.

**Technical Data**

Property	Typical Data	Property	Typical Data
Hardness	45(Shore A)	Dielectric constant	+/-2.3
Tensile strength	5Mpa	Operating temperature	-30~70℃
Elongation at break	500%	Dielectric strength	≥20Kv/mm
Volume resistance	1 × 10 <sup>17</sup> Ω.cm (conductive)	Volume resistance (insulation)	1 × 10 <sup>17</sup> Ω.cm (insulation)

Description of goods	Type	Specification	Voltage
Self amalgamating tape	J-10	0.85 × 19 × 9M	1KV
	J-20	0.75 × 19 × 9M	≤20KV
	J-30	0.75 × 19 × 9M	36KV
Semi-conductive tape	BDD-20	0.8 × 19 × 2M	≤20KV
	BDD-50	0.8 × 24 × 2.5M	36KV



**PVC TAPE**

The electrical insulating tape and electrical fire-resistant tape are made of soft vinyl chloride(pvc). They are provided with good voltage-resistant and cold resistant properties and are applicable to insulating protection for electrical wire wrapping etc.



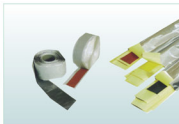
Description of goods	Thickness	Width	Length	Adesive power (N/M)	Tensile strength (Kv/m)	Elongation at break (%)	Dielectric breakdown (KV)	Dimension(mm)	
								Temperature resistance (℃)	Volume resistance
Electrical insulating tape	0.13	18	20yds	200	2	200	6	80	80
	0.13	18	10yds	200	2	200	6	80	80
	0.13	18	6yds	200	2	200	6	80	80



**MASTICS FOR POWER CABLE ACCESSORIES**
**TAPE 55 STRESS RELIEF MASTICS**

The self amalgamating tape make it easy to apply for power cable accessory application. The specially designed insulation give excellent compatibility with polymeric cables. Used to release electrical stresses at the end of the outer screen in MV polymeric cable joints and terminations to ensure the safe operation of the power system and can also be used to fill void space and gaps during installation of cable joints and terminations.

Suitable for applications in power cable termination and joint  
15KV, 24KV, 36KV  
Maximum service temperature: 90(°C)  
Standard color: light yellow


**TAPE 65 ANTI-TRACKING SEALING MASTIC**

The anti-tracking sealing mastic is made from a non-toxic, butyl composite. The self amalgamating and solvent free make the mastic effectively used in sealing cable joints and terminations to provide waterproof and void-filling.

Suitable for applications in power cable termination and joint  
15KV, 24KV, 36KV  
Maximum service temperature: 90(°C)  
Standard color: Red

**TAPE 75 BLACK SEALING MASTIC**

The anti-tracking sealing mastic is made from a non-toxic, butyl composite. The self amalgamating and solvent free make the mastic effectively used in sealing cable joints and terminations to provide waterproof and void-filling.

Suitable for applications in power cable termination and joint  
15KV, 24KV, 36KV  
Maximum service temperature: 90(°C)  
Standard color: Red

**Product dimension** Dimension(mm)

Order Ref Number	Thickness	Width	Length
Tape55	1.6±0.2	25±1.0	0.5m, 1.5m, 30m
Tape65	0.8±0.1	25±1.0	1.5m, 50m

**Technical Data**

Property	Typical Data
Tape 55 stress relief mastic	
Density	1.3g/m <sup>3</sup>
Tensile strength	0.1MPa
Elongation at break	>100%
Dielectric constant	≈ 15KV/mm
Dielectric strength	10-15
Volume resistance	10 <sup>9</sup> -10 <sup>12</sup> Ω.cm
Loss factor(50Hz)	0.035
Service temperature(max.)	-20-90°C
Adhesive and self-amalgamation	Good
Tape 65 stress relief mastic	
Density	1.2g/m <sup>3</sup>
Tensile strength	0.1MPa
Elongation at break	>100%
Dielectric constant	≈ 10KV/mm
Dielectric strength	3.0
Volume resistance	10 <sup>13</sup> Ω.cm
Loss factor(50Hz)	0.035
Service temperature(max.)	-20-90°C
Adhesive and self-amalgamation	Good

**NYLON CABLE TIE**

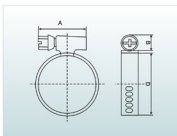
Material Nylon 66,94V-2 certified by UL Has-resisting, Acid & erosion contro, insulate well and not apt to age. Operating temperature: -35°C to 85°C. Color: Natural(or white standard color),UV black and other colors are availables requested



SPECIFICATION	L		W	E BUNDLE DIAMETER	TENSILE STRENGTH		Dimension(mm)	
	INCH	MM			LBS	KGS	INCH	MM
4.8×300	12"	300						
4.8×350	14"	350						
4.8×360	14.2"	360						
4.8×370	14.6"	370						
4.8×380	15"	380						
4.8×400	16"	400	4.8				50	22
4.8×430	16.9"	430						
4.8×450	17.7"	450						
4.8×500	19.7"	500						
7.2×150	6.0"	150						
7.2×200	8.0"	200						
7.2×250	10"	250						
7.2×280	11"	280						
7.2×300	12"	300						
7.2×350	14"	350						
7.2×370	14.6"	370						
7.2×380	15"	380	7.2				120	55
7.2×400	16"	400						
7.2×450	18"	450						
7.2×500	20"	500						
7.2×530	20.9"	530						
7.2×550	21.6"	550						
9.0×400	16"	400						
9.0×450	18"	450						
9.0×500	20"	500						
9.0×550	21.6"	550						
9.0×600	23.6"	600						
9.0×650	25.6"	650						
9.0×720	28.3"	720						
9.0×800	31.5"	800	9.0				10-195	175
9.0×900	35.5"	900						
9.0×1000	29.4"	1000						
9.0×1100	43.3"	1100						
9.0×1200	47.2"	1200						
12×650	25.6"	650	12				14-185	250
12×900	25.5"	900					14-265	114

## STAINLESS STEEL LOCK STEEL BALL TIES

Stainless steel cable technical feature brought to pitch coard "electric equipment of boat". NO of IEC92, totally "is it mold with GB1113-85 metal cable is it bring to pitch to make" and "steel engaging vessel enter magralide and build from" relevant regulation. Pitch and laid the normal environment temperature of condution for work -25degrees Centigrade -60degrees Centigrade, working  $\pm 85$  degrees Centigrade of temperature,  $\geq 500N$  of pulling force, numerous exterior IC19H6, coating PVC. Suitable for tying up the cable in the internal and external places of the room, such as in the open, humidity, high temperature, etc.. Resist and rub, be anticorrosive, resist and radiate and fire prevention performance.



Dimension(mm)

Use range	Modelon			Packing Size	A	B	D	Pressure-resistance strength (Mpa/cm <sup>2</sup> )	Torque value (N.m)
	Strip Width 9mm	Strip Width 12mm	Strip Width 13mm						
8-12	76100900012			100/2000	20	10	12	1.4	25-5
10-16	76100900016			100/2000	20	10	16	1.4	25-5
12-20	76100900020		78100900020	100/1000	20	10	20	1.4	25-5
12-22	76100900022		78100900022	100/1000	20	10	22	1.4	25-5
16-25	76100900025	76100900025	78100900025	100/1000	20	10	25	1.4	25-6
16-27	76100900027	77100900027	78100900027	100/1000	20	10	27	1.4	25-6
20-32	76100900032	77100900032	78100900032	100/1000	25	10	32	0.7	25-6
25-40	76100900040	77100900040	78100900040	100/1000	25	10	40	0.7	25-7
30-45	76100900045	77100900045	78100900045	100/1000	25	10	45	0.7	25-7
32-50	76100900050	77100900050	78100900050	100/1000	25	10	50	0.7	25-7
40-60	76100900060	77100900060	78100900060	100/1000	25	10	60	0.7	25-7
50-70	76100900070	77100900070	78100900070	50/500	25	10	70	0.7	25-7
60-80	76100900080	77100900080	78100900080	50/500	25	10	80	0.3	5-10
70-90	76100900090	77100900090	78100900090	50/500	25	10	90	0.3	5-10
80-100	76100900100	77100900100	78100900100	20/300	25	10	100	0.3	5-10
90-110	76100900110	77100900110	78100900110	20/300	25	10	110	0.3	5-10
100-120	76100900120	77100900120	78100900120	20/300	25	10	120	0.3	5-10
110-130	76100900130	77100900130	78100900130	20/300	25	10	130	0.3	5-10
120-140	76100900140	77100900140	78100900140	20/300	25	10	140	0.3	5-10
130-150	76100900150	77100900150	78100900150	20/300	25	10	150	0.3	5-10
140-160	76100900160	77100900160	78100900160	20/300	25	10	160	0.3	5-10

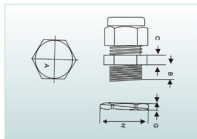
## NYLON CABLE GLAND

Material: nylon66,PAV-2 agree, by UL, and lighting form rubber, oil welding

Feature: 1. special designation, good strength and none damage to electrical machine.

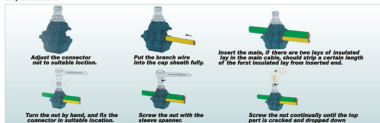
2. not need to dismetrate the fin terminal, cable can save time.

Application: used for machinery control box, distribution plate, machine and electrical etc.



Dimension(mm)

Item	Cable range	B	H	$\frac{D}{T}$
PG-7	3-6.5	8	22	16
PG-7	2-5	8	22	16
PG-9	4-8	8	26	19
PG-9	2-6	8	26	19
PG-11	5-10	8	27	22
PG-11	3-7	8	27	22
PG-13.5	6-12	9	28	24
PG-13.5	5-9	9	28	24
PG-14	10-14	10	30	27
PG-14	7-12	10	30	27
PG-19	12-15	10	30	27/28
PG-19	10-12	10	30	27/28
PG-21	13-18	10	35	33
PG-21	9-16	10	35	33
PG-25	16-21	11	34	30/36
PG-25	13-18	11	34	30/36
PG-29	18-25	12	40	41/42
PG-29	13-20	12	40	41/42
PG-36	22-32	14	48	52/53
PG-36	20-26	14	48	52/53
PG-42	32-38	14	49	60/61
PG-42	25-31	14	49	60/61
PG-48	37-44	14	50	64/65
PG-48	29-35	14	50	64/65
PG-63	42-50	27	60	72

**INSULATION PIERCING CONNECTOR (IPC)**
**Simple installation**

**Product type and application scope**

Type	Main line section	Branch section (mm <sup>2</sup> )	Nominal current (A)	Outline size	Weight (g)	Piercing depth
KN101	1.5-25	1.5-10	55	27×41×62	55	1.5-2
KNEP	16-95	1.5-10	55	27×41×62	55	1-2
KN2-95	16-95	4-35(50)	157	46×52×87	160	1.5-2
KN2-150	90-150	9-35(50)	157	46×52×87	162	1.5-2.5
KN3-95	25-95	25-95	214	50×61×100	198	4.5-2
KN4-150	(35)90-150	(35)90-150	316	50×61×100	219	1.5-2.5
KN6	25-120	25-120	211	52×68×100	360	1.5-2.5
KN7	10-25	10-25	102	52×68×100	338	1.5-2.5
KN240	95-240	95-240	425	83×130×130	1040	1.5-2.5
KN300	300		425	83×130×130	1040	1.5-2.5
KN400	400		425	83×130×130	1040	1.5-2.5


**KN10 High-voltage insulation piercing connectors**

**Main technical parameter**

Type	Applicable lead (mm <sup>2</sup> )		Main dimensions(mm)			Nominal current (A)	Bolt number	Piercing depth (mm)
	Main line	Branch line	A	B	H			
KN10-240/240	95-240	95-240	89	85.5	112.5	530	2	4.5-6
KN10-240/150	95-240	95-240	74	83	112.5	344	2	4.5-6
KN10-188/50	95-185	95-185	78.5	77.5	112.5	180	2	4.5-6
KN10-95/70	25-95	25-95	68	82.5	107.5	226	2	4.5-6

**PARALLEL GROOVE CLAMP**
**CAPG TYPE CU AL PARALLEL GROOVE CLAMP**

Dimension(mm)

CAPG-A1	CU8-50mm <sup>2</sup>	AL16-70mm <sup>2</sup>	Single bolt
CAPG-A2	CU10-95mm <sup>2</sup>	AL25-150mm <sup>2</sup>	Single bolt
CAPG-B1	CU8-50mm <sup>2</sup>	AL16-70mm <sup>2</sup>	Double bolt
CAPG-B2	CU10-95mm <sup>2</sup>	AL25-150mm <sup>2</sup>	Double bolt
CAPG-B2	CU10-95mm <sup>2</sup>	AL35-150mm <sup>2</sup>	Tri-bolt
CAPG-C1	CU10-120mm <sup>2</sup>	AL16-120mm <sup>2</sup>	Double bolt
CAPG-C2	CU50-240mm <sup>2</sup>	AL50-300mm <sup>2</sup>	Double bolt
CAPG-C3	CU35-120mm <sup>2</sup>	AL25-150mm <sup>2</sup>	Double bolt
CAPG-C4	CU16-185mm <sup>2</sup>	AL35-200mm <sup>2</sup>	Double bolt
CAPG-D	CU35-240mm <sup>2</sup>	AL35-300mm <sup>2</sup>	Tri-bolt
CAPG-D1	CU8-50mm <sup>2</sup>	AL16-70mm <sup>2</sup>	Tri-bolt
CAPG-D2	CU35-185mm <sup>2</sup>	AL35-185mm <sup>2</sup>	Tri-bolt
CAPG-D3	CU35-185mm <sup>2</sup>	AL35-165mm <sup>2</sup>	Tri-bolt


**APG-TYPE ALUMINUM PARALLEL GROOVE CLAMP**

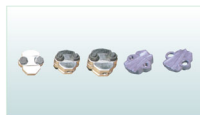
Dimension(mm)

APG-A	AL16-70mm <sup>2</sup>	Single bolt
APG-B1	AL16-35mm <sup>2</sup>	Double bolts
APG-B2	AL16-70mm <sup>2</sup>	Double bolts
APG-B3	AL16-150mm <sup>2</sup>	Double bolts
APG-B3	AL16-300mm <sup>2</sup>	Double bolts


**JAPG-TYPE ALUMINUM PARALLEL GROOVE CLAMP**

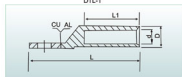
Dimension(mm)

JAPG-1	AL25-35mm <sup>2</sup>
JAPG-2	AL50-70mm <sup>2</sup>
JAPG-3	AL95-120mm <sup>2</sup>

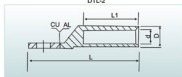


**CU&AL LUG FOR EXPORT**


DTL-1



DTL-2



Dimension(mm)

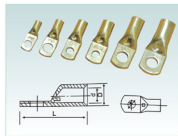
Specification	φ	D	d	L	L1	B
DTL-1-10	8.5	10	6	68	28	16
DTL-1-16	8.5	11	6	70	30	16
DTL-1-25	8.5	12	7	75	34	18
DTL-1-35	10.5	14	8.5	85	38	20.5
DTL-1-50	10.5	16	9.5	90	40	23
DTL-1-70	12.5	18	11.5	102	46	26
DTL-1-95	12.5	21	13.5	112	50	28
DTL-1-120	14.5	23	15	120	53	30
DTL-1-150	14.5	25	16.5	126	56	34
DTL-1-185	16.5	27	18.5	133	58	37
DTL-1-240	16.5	30	21	140	60	40
DTL-1-300	21	34	23.5	160	66	50
DTL-1-400	21	38	27	170	70	50
DTL-1-500	21	47	29	225	75	60
DTL-1-630	-	54	35	245	80	80
DTL-1-800	-	6	38	280	90	100

DTL-2

DTL-2-16	13	16	5.5	87	42
DTL-2-25	13	16	6.5	87	42
DTL-2-35	13	16	8	87	42
DTL-2-50	13	20	9	87	43
DTL-2-70	13	20	11	87	43
DTL-2-95	13	20	12.5	87	43
DTL-2-120	13	25	13.5	111	60
DTL-2-150	13	25	15.5	111	60
DTL-2-185	13	32	17.5	116	60
DTL-2-240	13	32	19.5	116	60
DTL-2-300	13	34	22.5	120	62

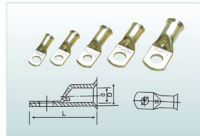
**CU&AL LUG FOR EXPORT**

These products are suitable for the connection of copper conductors (section 1.5-1000mm) in pr cable with electronic equipment they are made of with gagger99.9 percent pure copper tenn 12 and coated with tin. Working temperature -55°C-150°C



Dimension(mm)

Specification	φ	D	d	L
SCJ(XB)-1.5	+4.2 +5.2	3.5	1.8	18
SCJ(XB)-2.5	442 +52 +62	4	2.5	19
SCJ(XB)-4	+5.2 +6.2	4.8	3.1	21
SCJ(XB)-6	452 +62 +62	5.5	3.8	24
SCJ(XB)-10	+6.2 +8.2	6.8	4.8	25.5
SCJ(XB)-16	462 +62 +105	7.5	5.5	30.5
SCJ(XB)-25	462 +62 +105	9	7	34
SCJ(XB)-35	462 +62 +105	10.5	8.2	38
SCJ(XB)-50	462 +105 +125	12.5	9.8	45
SCJ(XB)-70	462 +105 +125	14.5	11.5	50
SCJ(XB)-95	+10.5 +12.5	17.5	13.8	55.5
SCJ(XB)-120	+12.5 +16.5	19.5	15.5	63
SCJ(XB)-150	+12.5 +16.5	21	16.5	71
SCJ(XB)-185	+16.5	23.5	18.8	78
SCJ(XB)-240	+16.5	26.5	21	92
SCJ(XB)-300	+16.5 +20.5	30	24	102
SCJ(XB)-400	+16.5 +20.5	34	28.5	113
SCJ(XB)-500	+16.5 +20.5	38	30	125
SCJ(XB)-630	+20.5	45	35	135
SCJ(XB)-800	+20.5	50	39	170
SCJ(XB)-100	+20.5	56	44	200

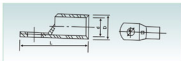
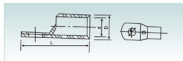


Dimension(mm)

Specification	φ	D	d	L
SCJ(Y)-1.5	+4.2 +5.2	3.5	1.8	18
SCJ(Y)-2.5	442 +52 +62	4	2.5	19
SCJ(Y)-4	+5.2 +6.2	4.8	3.1	21
SCJ(Y)-6	452 +62 +62	5.5	3.8	24
SCJ(Y)-10	+6.2 +8.2	6.8	4.8	25.5
SCJ(Y)-16	462 +62 +105	7.5	5.5	30.5
SCJ(Y)-25	462 +62 +105	9	7	34
SCJ(Y)-35	462 +62 +105	10.5	8.2	38
SCJ(Y)-50	462 +105 +125	12.5	9.8	45
SCJ(Y)-70	462 +105 +125	14.5	11.5	50
SCJ(Y)-95	+10.5 +12.5	17.5	13.8	55.5
SCJ(Y)-120	+12.5 +16.5	19.5	15.5	63
SCJ(Y)-150	+12.5 +16.5	21	16.5	71
SCJ(Y)-185	+16.5	23.5	18.8	78
SCJ(Y)-240	+16.5	26.5	21	92
SCJ(Y)-300	+16.5 +20.5	30	24	102
SCJ(Y)-400	+16.5 +20.5	34	28.5	113
SCJ(Y)-500	+16.5 +20.5	38	30	125
SCJ(Y)-630	+22.5	45	35	135
SCJ(Y)-800	+22.5	50	39	170
SCJ(Y)-100	+22.5	56	44	200

**CU&AL LUG FOR EXPORT**

These products are suitable for the connection of copper conductors (section 1.5-1000mm<sup>2</sup>) in jr cable with electronic equipment they are made of with gegeger99.9 percent pure copper tube 12 and coated with tin. Working temperature -55℃-150℃



Dimension(mm)

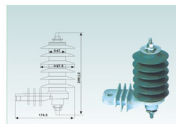
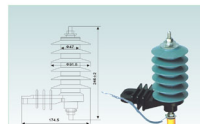
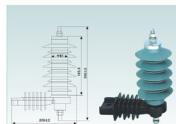
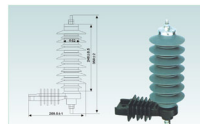
Specification	φ	D	d	L
SCUGK-1.5	±4.2 ±5.2	3.5	1.8	18
SCUGK-2.5	±4.2 ±5.2 ±6.2	4	2.5	19
SCUGK-4	±5.2 ±6.2	4.8	3.1	21
SCUGK-6	±5.2 ±6.2 ±8.2	5.5	3.8	24
SCUGK-10	±6.2 ±8.2	6.8	4.8	25.5
SCUGK-16	±6.2 ±8.2 ±10.5	7.5	5.5	30.5
SCUGK-25	±6.2 ±8.2 ±10.5	9	7	34
SCUGK-35	±10.5 ±10.5 ±10.5	10.5	8.2	38
SCUGK-50	±8.2 ±10.5 ±10.5	12.5	9.8	45
SCUGK-70	±8.2 ±10.5 ±10.5	14.5	11.5	50
SCUGK-95	±10.5 ±12.5	17.5	13.8	55.5
SCUGK-120	±12.5 ±16.5	19.5	15.5	63
SCUGK-150	±12.5 ±16.5	21	16.5	71
SCUGK-185	±16.5	23.5	18.8	78
SCUGK-240	±16.5	26.5	21	92
SCUGK-300	±16.5 ±20.5	30	24	102
SCUGK-400	±16.5 ±20.5	34	26.5	113
SCUGK-500	±16.5 ±20.5	38	30	123
SCUGK-630	±22.5	45	35	135
SCUGK-800	±22.5	50	38	170
SCUGK-1000	±22.5	56	44	200

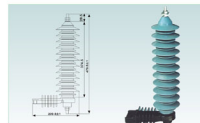
Dimension(mm)

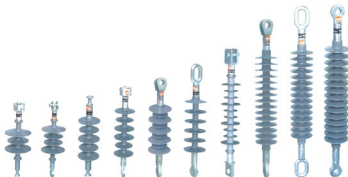
Specification	φ	D	d	L
SCUG(A)-1.5	±4.2 ±5.2	3.5	1.8	18
SCUG(A)-2.5	±4.2 ±5.2 ±6.2	4	2.5	19
SCUG(A)-4	±5.2 ±6.2	4.8	3.1	21
SCUG(A)-6	±5.2 ±6.2 ±8.2	5.5	3.8	24
SCUG(A)-10	±6.2 ±8.2	6.8	4.8	25.5
SCUG(A)-16	±6.2 ±8.2 ±10.5	7.5	5.5	30.5
SCUG(A)-25	±6.2 ±8.2 ±10.5	9	7	34
SCUG(A)-35	±10.5 ±10.5 ±10.5	10.5	8.2	38
SCUG(A)-50	±8.2 ±10.5 ±12.5	12.5	9.8	45
SCUG(A)-70	±8.2 ±10.5 ±10.5	14.5	11.5	50
SCUG(A)-95	±10.5 ±12.5	17.5	13.8	55.5
SCUG(A)-120	±12.5 ±16.5	19.5	15.5	63
SCUG(A)-150	±12.5 ±16.5	21	16.5	71
SCUG(A)-185	±16.5	23.5	18.8	78
SCUG(A)-240	±16.5	26.5	21	92
SCUG(A)-300	±16.5 ±20.5	30	24	102
SCUG(A)-400	±16.5 ±20.5	34	26.5	113
SCUG(A)-500	±16.5 ±20.5	38	30	123
SCUG(A)-630	±22.5	45	35	135
SCUG(A)-800	±22.5	50	38	170
SCUG(A)-1000	±22.5	56	44	200

**POLYMERIC HOUSED MEEAL-OXIDE SURGE ARRESTER FOR EXPORT SITHOUT GAPS**

The nominal discharge current have 5KA and 10KA

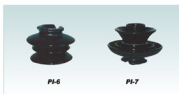

**10KV (leakage distance)-390mm N.W=1.3KG/pie**

**12KV (leakage distance)-365mm N.W=1.6KG/pie**

**15KV (leakage distance)-550mm N.W=2.2KG/pie**

**24KV (leakage distance)-655mm N.W=2.9KG/pie**

**24KV (leakage distance)-735mm N.W=3.2KG/pie**

**36KV (leakage distance)-1100mm N.W=3.8KG/pie**

**SILICON RUBBER INSULATOR FOR EXPORT**


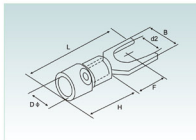
Dimension(mm)

Product Model	Rated voltage (kv)	Rated mechanical bending load(kN)	Structure Height H.	Insulating distance li.	Min. creepage distance Lc.	Diameter of shed D.	Lighting impulse withstand voltage (peak)	FF with stand voltage (rival value)	Dimension(mm)						
									B	L	F	H	D $\phi$		
FXBW-12/70	12	70	390	180	460	98/88	105	42							
FXBW-15/70	15	70	445	225	620	98/88	105	42							
FXBW-24/70	24	70	450	235	635	148/118	150	42							
FXBW-28/70	28	70	560	380	1250	88	230	95							
FXBW-33/70	33	70	560	380	1130	92/63	230	95							
FXBW-36/70	36	70	580	380	1250	88	230	95							
FXBW-35/70	36	70	650	450	1320	148/118	230	95							


**TERMINAL BLOCKS**


Dimension(mm)

Product Model	Length	Conductor	Dimensions					Color
			B	L	F	H	D $\phi$	
SV 1.25-3	#4	3.2	5.7	21.2	6.5			
SVS 1.25-3	#6	3.7	5.7	21.2	6.5			
SVL 1.25-3	#6	3.7	6.4	21.2	6.5			
SWM 1.25-4	#8	4.3	6.4	21.2	6.5			
SVL 1.25-4	#8	4.3	7.2	21.2	6.5	10.0	4.3 Red	
SWM 1.25-4	#8	4.3	8.1	21.2	6.5			
SVS 1.25-5	#10	5.3	8.1	21.2	6.5			
SVL 1.25-5	#10	5.3	9.5	21.2	6.5			
SVS 1.25-6	1/4	6.4	9.5	21.2	6.5			
SVL 1.25-6	1/4	6.4	12.0	21.2	11.0			



Dimension(mm)

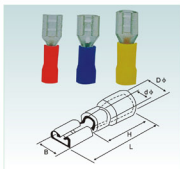
Product Model	Length	Conductor	Dimensions					Color
			B	L	F	H	D $\phi$	
SV 1.25-3	#4	3.2	5.7	21.2	6.5			
SVS 1.25-3	#6	3.7	5.7	21.2	6.5			
SVL 1.25-3	#6	3.7	6.4	21.2	6.5			
SWM 1.25-4	#8	4.3	6.4	21.2	6.5			
SVL 1.25-4	#8	4.3	7.2	21.2	6.5	10.0	4.3 Red	
SWM 1.25-4	#8	4.3	8.1	21.2	6.5			
SVS 1.25-5	#10	5.3	8.1	21.2	6.5			
SVL 1.25-5	#10	5.3	9.5	21.2	6.5			
SVS 1.25-6	1/4	6.4	9.5	21.2	6.5			
SVL 1.25-6	1/4	6.4	12.0	21.2	11.0			

Dimension(mm)

Product Model	Length	Conductor	Dimensions					Color
			B	L	F	H	D $\phi$	
SV 3.5-3	#4	3.2	5.7	24.8	7.0			
SV 3.5-4	#6	4.3	8.0	24.8	7.0			
SV 3.5-5	#10	5.3	8.0	24.8	7.0	13.0	6.2 black	
SV 3.5-6	1/4	6.4	12.0	28.0	12.1			

Dimension(mm)

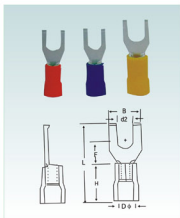
Product Model	Length	Conductor	Dimensions					Color
			B	L	F	H	D $\phi$	
SV 5.5-3.5	#6	3.7	8.3	25.2	7.5			
SV 5.5-4	#8	4.3	8.3	25.2	7.5			
SV 5.5-4	#8	4.3	9.0	25.2	7.5			
SV 5.5-5	#10	5.3	9.0	25.2	7.5	13.0	6.7 Yellow	
SV 5.5-6	1/4	6.4	9.0	25.2	7.5			
SV 5.5-6	1/4	6.4	12.0	31.2	12.0			
SV 5.5-8	5/16	8.4	14.0	30.0	11.5			

**TERMINAL BLOCKS**


Product Model	B	Dφ	Dimensions			Color	
			dφ	L	H		
FD015-200	0.8×6.35	0.4	7.4	5.7	3.4	25.0 13.0	Yellow
FD015-205	1.2×9.4	0.5	10.9	5.7	3.4	29.6 13.0	

Product Model	B	Dφ	Dimensions			Color	
			dφ	L	H		
FD02-100(5)	0.5×2.8	0.3	3.8	3.8	2.3	19.0 10.0	Blue
FD02-100(6)	0.8×2.8	0.3	3.8	3.8	2.3	19.0 10.0	
FD02-100(5)	0.5×4.75	0.35	5.6	3.8	2.3	19.0 10.0	
FD02-100(6)	0.8×4.75	0.35	5.6	3.8	2.3	19.0 10.0	
FD02-205	0.5×5.2	0.35	6.5	3.8	2.3	19.0 10.0	
FD02-200	0.8×6.35	0.4	7.4	3.8	2.3	19.0 10.0	
FD02-202	0.8×0.8	0.4	9.0	3.8	2.3	19.0 10.0	

Product Model	B	Dφ	Dimensions			Color	
			L	H	Dφ		
RD125-100	0.5×2.8	0.3	3.8	3.8	1.7	19.0 10.0	Red
RD125-100(6)	0.8×2.8	0.3	3.8	3.8	1.7	19.0 10.0	
RD125-100(5)	0.5×4.75	0.35	5.6	3.8	1.7	19.0 10.0	
RD125-100(6)	0.8×4.75	0.35	5.6	3.8	1.7	19.0 10.0	
RD125-205	0.5×5.2	0.35	6.5	3.8	1.7	20.0 10.0	
RD125-200	0.8×6.35	0.4	7.4	3.8	1.7	21.0 10.0	



Product Model	B	L	Dimensions			Color	
			F	H	Dφ		
FSV125-15	#6	3.7	7.5	19.0	5.1	Red	
FSV125-4	#6	4.3	7.5	19.0	5.1		10.0 4.3
FSV125-5	#10	5.3	7.5	19.0	5.1		

Product Model	B	L	Dimensions			Color	
			F	H	Dφ		
FSV125-15	#6	3.7	7.5	19.0	5.2	Blue	
FSV125-4	#6	4.3	7.5	19.0	5.2		10.0 4.9
FSV125-5	#10	5.3	7.5	19.0	5.2		

Product Model	B	L	Dimensions			Color	
			F	H	Dφ		
FSV125-15	#6	3.7	8.5	25.5	7.5	Yellow	
FSV125-4	#6	4.3	8.5	25.5	7.5		13.0 6.7
FSV125-5	#10	5.3	8.5	25.5	7.5		