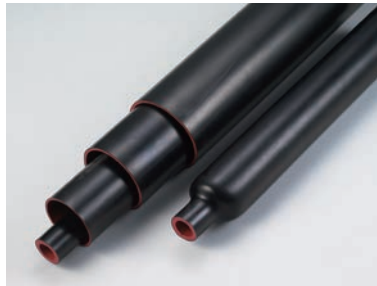




Cable Accessories



GREGOO ELECTRIC CO., LTD.

冷缩电缆附件

Section A

Cold Shrinkable Cable Accessories



冷缩电缆终端、中间接头

Cold Shrinkable Termination Kit and Straight Through Joint

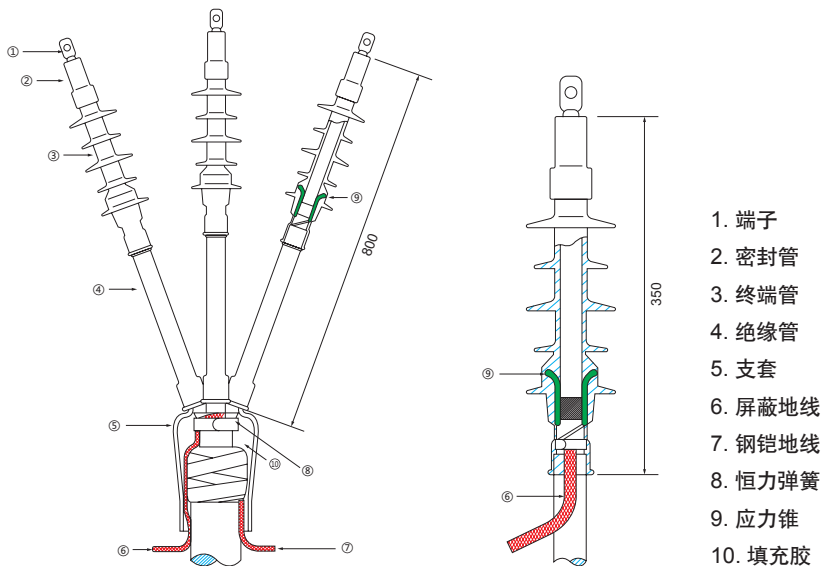
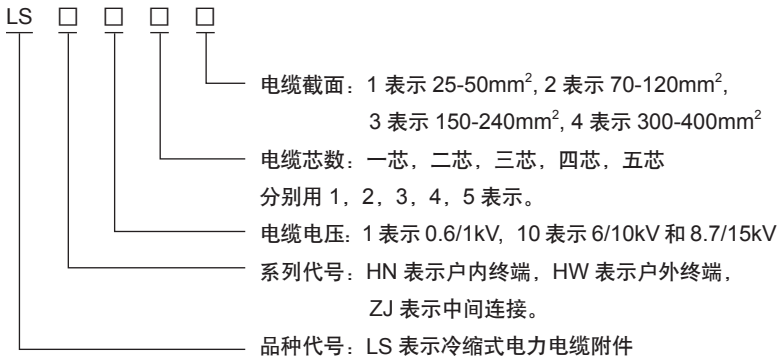
电力电缆冷缩附件是一种采用高弹性进口硅橡胶原料制做的新型电缆附件。该产品具有特定的介电性能，抗漏电痕迹能力和耐腐蚀性强，独特的憎水性，实现了较大的湿闪距离，恒定的收缩力，不受电缆的弯曲而造成绝缘死角，现场安装时无需热源和专用工具，克服了热缩型在施工时需要热源的缺点，从而提高了产品的安全性和可靠性。产品性能优良、结构新颖、安装方便、使用时只要拉掉支撑物就能自动收缩复位。产品广泛应用于电力、通讯、军工、冶金、煤矿、石油化工等领域。

Cold shrink cable accessories is kind of new cable accessories which is prefabricated by adopting high elasticity silicon rubber. This product is provided with special dielectric property, the performance of resistance against tracking and corrosion are strong, special water absorption rate, the constant shrinkable force, and it will not be insulation dead angle because the cable is bended. When it is installed at locale, it need not the heat source and special tool, so it improves the safety and reliability of product. This product has many other advantages else, such as excellent capability, novel construction and convenient installation, when you use it, you only need to tear the plank, and then it will self reset. This product is widely used in the following fields: electric power, communication, war industry, mining and petroleum chemical industry, etc.



冷缩电缆附件 Cold Shrinkable Cable Accessories

产品型号及含义



1kV 冷缩电缆终端、中间接头

1kV Cold Shrinkable Termination Kit and Straight Through Joint

特点 Features:

适用于 0.6/1kV 单芯、二芯、三芯、四芯、五芯聚氯乙烯、交联聚乙烯、橡塑电力电缆的终端接头及中间连接，具有良好的电气性能和机械性能。

For 0.6/1kV 1 core, 2 cores, 3 cores, 4 cores, 5 cores PVC and XLPE power cable termination kit and straight through joint, with good electrical and mechanical properties.



技术数据 Technical Data:

材料名称 Material name	性能 Property	参数 Parameter
主要冷缩材料 Cold shrinkable material	硬度邵氏 Shoe hardness (A)	45 ± 3
	抗拉强度 Tensile strength (Mpa)	≥ 14
	永久变形率 Permanent distortion ratio	≤ 5%
绝缘管 Insulation tubing	体积电阻率 Volume resistance (Ω.cm)	≥ 1 × 10 ¹⁴
	击穿强度 Dielectric strength (kV/mm)	≥ 23
应力管 Stress control tubing	介电常数 Dielectric constant (ε)	≈ 25

选型尺寸 Product Dimensions:

适用电缆截面 mm ² For cable cross section		电缆芯数 Cable cores				
		一芯 Single core	二芯 Two cores	三芯 Three cores	四芯 Four cores	五芯 Five cores
终端接头 Termination kit	25,35,50	LSHN-1/1.1	LSHN-1/2.1	LSHN-1/3.1	LSHN-1/4.1	LSHN-1/5.1
	70,95,120	LSHN-1/1.2	LSHN-1/2.2	LSHN-1/3.2	LSHN-1/4.2	LSHN-1/5.2
	150,185,240	LSHN-1/1.3	LSHN-1/2.3	LSHN-1/3.3	LSHN-1/4.3	LSHN-1/5.3
	300,400	LSHN-1/1.4	LSHN-1/2.4	LSHN-1/3.4	LSHN-1/4.4	LSHN-1/5.4
中间连接 Straight through join	25,35,50	LSZJ-1/1.1	LSZJ-1/2.1	LSZJ-1/3.1	LSZJ-1/4.1	LSZJ-1/5.1
	70,95,120	LSZJ-1/1.2	LSZJ-1/2.2	LSZJ-1/3.2	LSZJ-1/4.2	LSZJ-1/5.2
	150,185,240	LSZJ-1/1.3	LSZJ-1/2.3	LSZJ-1/3.3	LSZJ-1/4.3	LSZJ-1/5.3
	300,400	LSZJ-1/1.4	LSZJ-1/2.4	LSZJ-1/3.4	LSZJ-1/4.4	LSZJ-1/5.4

8.7/15kV 冷缩电缆终端、中间接头

8.7/15kV Cold Shrinkable Termination Kit and Straight Through Joint

特点 Features:

适用于 6/10kV 和 8.7/15kV 的单芯、三芯聚氯乙烯、交联聚乙烯、橡塑电力电缆的终端接头及中间连接，具有良好的电气性能和机械性能。

For 6/10kV and 8.7/15kV single core or 3 cores PVC and XLPE power cable termination kit and straight through joint, with good electrical and mechanical properties.



- Tinned copper braid
- Mastic tape
- Silicone grease
- Cleaning tissue
- Abrasive strip
- Glove
- Installation instruction manual
- Cold shrink breakout
- Cold shrink insulation tube
- Cold shrink termination body
- Cold shrink lugs sealing tube
- Cold shrink straight through joint
- Tinned copper mesh
- Roll spring
- Rubber mastic tape
- Armor cast tape
- Semi conductive rubber tape
- EPR rubber tape



技术数据 Technical Data:

项目 Property	参数 Parameter	评定 Evaluation
工频干态耐压 Power frequency dry-state withstand voltage (kV/5min)	39	不闪络，不击穿 No flash and breakdown
工频湿态耐压 Power frequency damp-state withstand voltage (kV/5min)	39	不闪络，不击穿 No flash and breakdown
工频长期耐压 Power frequency long-time withstand voltage (kV/4h)	35	不闪络，不击穿 No flash and breakdown
冲击耐压 Surge withstand voltage (kV/1.2/50 μ s $\pm$ 10 次)	105	不击穿 No breakdown
直流耐压 DC withstand voltage (kV/15min)	52	不闪络，不击穿 No flash and breakdown
局部放电 Part discharge (kV.pc/1.5u ₀)	10	通过 Pass

选型尺寸 Product Dimensions:

适用电缆截面 mm ² For cable cross section	户内终端 Indoor termination kit		户外终端 Outdoor termination kit		中间连接 Straight through joint	
	一芯 Single core	三芯 Three cores	一芯 Single core	三芯 Three cores	一芯 Single core	三芯 Three cores
25,35,50	LSHN-10/1.1	LSHN-10/3.1	LSHW-10/1.1	LSHW-10/3.1	LSZJ-10/1.1	LSZJ-10/3.1
70,95,120	LSHN-10/1.2	LSHN-10/3.2	LSHW-10/1.2	LSHW-10/3.2	LSZJ-10/1.2	LSZJ-10/3.2
150,185,240	LSHN-10/1.3	LSHN-10/3.3	LSHW-10/1.3	LSHW-10/3.3	LSZJ-10/1.3	LSZJ-10/3.3
300,400	LSHN-10/1.4	LSHN-10/3.4	LSHW-10/1.4	LSHW-10/3.4	LSZJ-10/1.4	LSZJ-10/3.4

冷缩电缆终端、中间接头

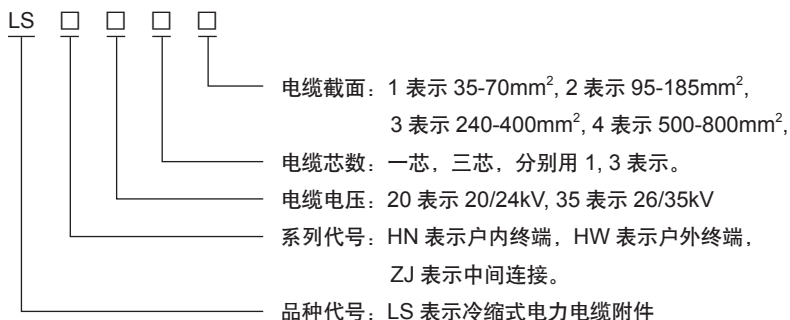
Cold Shrinkable Termination Kit and Straight Through Joint

电力电缆冷缩附件是一种采用高弹性进口硅橡胶原料制做的新型电缆附件。该产品具有特定的介电性能，抗漏电痕迹能力和耐腐蚀性强，独特的憎水性，实现了较大的湿闪距离，恒定的收缩力，不受电缆的弯曲而造成绝缘死角，现场安装时无需热源和专用工具，克服了热缩型在施工时需要热源的缺点，从而提高了产品的安全性和可靠性。产品性能优良、结构新颖、安装方便、使用时只要拉掉支撑物就能自动收缩复位。产品广泛应用于电力、通讯、军工、冶金、煤矿、石油化工等领域。

Cold shrink cable accessories is kind of new cable accessories which is prefabricated by adopting high elasticity silicon rubber. This product is provided with special dielectric property, the performance of resistance of resistance against tracking and corrosion are strong, special water absorption rate, the constant shrinkable force, and it will not be insulation dead angle because the cable is bended. When it is installed at locale, it need not the heat source and special tool, so it improves the safety and reliability of product. This product has many other advantages else, such as excellent capability, novel construction and convenient installation, when you use it, you only need to tear the plank, and then it will self reset. This product is widely used in the following fields: electric power, communication, war industry, mining and petroleum chemical industry, etc.



产品型号及含义



20/24kV 冷缩电缆终端、中间接头

20/24kV Cold Shrinkable Termination Kit and Straight Through Joint

特点 Features:

适用于 20/24kV 的单芯、三芯聚氯乙烯、交联聚乙烯、橡塑电力电缆的终端接头及中间连接，具有良好的电气性能和机械性能。

For 20/24kV single core or 3 cores PVC and XLPE power cable termination kit and straight through joint, with good electrical and mechanical properties.



- Tinned copper braid
- Mastic tape
- Silicone grease
- Cleaning tissue
- Abrasive strip
- Glove
- Installation instruction manual
- Cold shrink breakout
- Cold shrink insulation tube
- Cold shrink termination body
- Cold shrink lugs sealing tube
- Cold shrink straight through joint
- Tinned copper mesh
- Roll spring
- Rubber mastic tape
- Armor cast tape
- Semi conductive rubber tape
- EPR rubber tape



技术数据 Technical Data:

项目 property	参数 Parameter	评定 Evaluation
工频干态耐压 Power frequency dry-state withstand voltage (kV/5min)	54	不闪络，不击穿 No flash and breakdown
工频湿态耐压 Power frequency damp-state withstand voltage (kV/5min)	54	不闪络，不击穿 No flash and breakdown
工频长期耐压 Power frequency long-time withstand voltage (kV/4h)	48	不闪络，不击穿 No flash and breakdown
冲击耐压 Surge withstand voltage (kV/1.2/50μs ± 10 次)	125	不击穿 No breakdown
直流耐压 DC withstand voltage (kV/15min)	96	不闪络，不击穿 No flash and breakdown
局部放电 Part discharge (kV.pc/1.5u ₀)	10	通过 Pass

选型尺寸 Product Dimensions:

适用电缆截面 mm ² For cable cross section	户内终端 Indoor termination kit		户外终端 Outdoor termination kit		中间连接 Straight through joint	
	一芯 Single core	三芯 Three cores	一芯 Single core	三芯 Three cores	一芯 Single core	三芯 Three cores
35,50,70	LSHN-20/1.1	LSHN-20/3.1	LSHW-20/1.1	LSHW-20/3.1	LSZJ-20/1.1	LSZJ-20/3.1
95,120,150,185	LSHN-20/1.2	LSHN-20/3.2	LSHW-20/1.2	LSHW-20/3.2	LSZJ-20/1.2	LSZJ-20/3.2
240,300,400	LSHN-20/1.3	LSHN-20/3.3	LSHW-20/1.3	LSHW-20/3.3	LSZJ-20/1.3	LSZJ-20/3.3
500,630,800	LSHN-20/1.4	LSHN-20/3.4	LSHW-20/1.4	LSHW-20/3.4	LSZJ-20/1.4	LSZJ-20/3.4

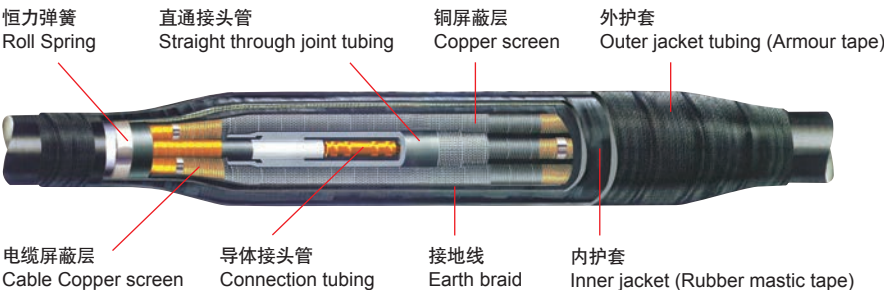
26/35kV 冷缩电缆终端、中间接头

26/35kV Cold Shrinkable Termination Kit and Straight Through Joint

特点 Features:

适用于 26/35kV 的单芯、三芯聚氯乙烯、交联聚乙烯、橡塑电力电缆的终端接头及中间连接，具有良好的电气性能和机械性能。

For 26/35kV single core or 3 cores PVC and XLPE power cable termination kit and straight through joint, with good electrical and mechanical properties.



- Tinned copper braid
- Mastic tape
- Silicone grease
- Cleaning tissue
- Abrasive strip
- Glove
- Installation instruction manual
- Cold shrink breakout
- Cold shrink insulation tube
- Cold shrink termination body
- Cold shrink lugs sealing tube
- Cold shrink straight through joint
- Tinned copper mesh
- Roll spring
- Rubber mastic tape
- Armor cast tape
- Semi conductive rubber tape
- EPR rubber tape



技术数据 Technical Data:

项目 Property	参数 Parameter	评定 Evaluation
工频干态耐压 Power frequency dry-state withstand voltage (kV/5min)	105	不闪络，不击穿 No flash and breakdown
工频湿态耐压 Power frequency damp-state withstand voltage (kV/5min)	105	不闪络，不击穿 No flash and breakdown
工频长期耐压 Power frequency long-time withstand voltage (kV/4h)	78	不闪络，不击穿 No flash and breakdown
冲击耐压 Surge withstand voltage (kV/1.2/50 μ s $\pm$ 10 次)	140	不击穿 No breakdown
直流耐压 DC withstand voltage (kV/15min)	156	不闪络，不击穿 No flash and breakdown
局部放电 Part discharge (kV.pc/1.5u ₀)	10	通过 Pass

选型尺寸 Product Dimensions:

适用电缆截面 mm ² For cable cross section	户内终端 Indoor termination kit		户外终端 Outdoor termination kit		中间连接 Straight through joint	
	一芯 Single core	三芯 Three cores	一芯 Single core	三芯 Three cores	一芯 Single core	三芯 Three cores
35,50,70	LSHN-35/1.1	LSHN-35/3.1	LSHW-35/1.1	LSHW-35/3.1	LSZJ-35/1.1	LSZJ-35/3.1
95,120,150,185	LSHN-35/1.2	LSHN-35/3.2	LSHW-35/1.2	LSHW-35/3.2	LSZJ-35/1.2	LSZJ-35/3.2
240,300,400	LSHN-35/1.3	LSHN-35/3.3	LSHW-35/1.3	LSHW-35/3.3	LSZJ-35/1.3	LSZJ-35/3.3
500,630,800	LSHN-35/1.4	LSHN-35/3.4	LSHW-35/1.4	LSHW-35/3.4	LSZJ-35/1.4	LSZJ-35/3.4

REPDM 冷缩套管

Cold Shrinkable Medium Wall Tubing

特点 Features:

REPDM橡胶冷缩套管是一种预先扩张在可抽支撑管上的橡胶绝缘套管，在使用时只需定位后抽去支撑条即可，利用其径向压力形成包覆，起到防水、防潮密封作用。具有优异的耐天候、耐酸碱性能，达到同呼吸密封的作用，是通讯电缆、同轴电缆、中低压电力电缆的理想密封材料。

REPDM rubber cold shrink sleeve is a pre-expansion pumping support tube rubber after removing the insulating sleeve, just use positioning the support bar can use its radial pressure to form a coating, waterproofing, moisture-proof sealing effect. Excellent weather resistance, acid and alkali resistance, to the role of breathing the same air sealed, and communication cables, coaxial cables cable, low voltage power cables ideal sealing material.

- Standard colors: Black
- Simple installation, requires only hands
- Excellent wet electrical properties
- Accommodates a wide range of cable sizes
- Resists fungus
- Not torches or heat required
- Resists acids and alkalis
- Good thermal stability
- Resists ozone and ultraviolet light



技术数据 Technical Data:

性能 Property	测试标准 Test method	参数 Parameter
硬度邵氏 Shoe hardness (A)	GB/T531.1-2008	48 ± 2
抗拉强度 Tensile strength (Mpa)	GB/T528-1998	≥ 11.6
断裂伸长率 Elongation at break (%)	GB/T528-1998	≥ 500%
击穿强度 Dielectric strength (kV/mm)	GB1695-2005	≥ 19.1
介电常数 Dielectric constant (ε)	IEC 250	≈ 5.0

选型尺寸 Product Dimensions:

Normal size (mm)	AS supplied(mm)	After recovered(mm)		Length(mm)	Tubing shape
	Inside diameter	Inside diameter	Wall thickness		
REPDM-18/8	>18	8	2.0	200 or 500	○
REPDM-25/10	>25	10	2.0	200 or 500	○
REPDM-32/13	>32	13	2.2	200 or 500	○
REPDM-38/18	>38	18	2.3	200 or 500	○
REPDM-45/20	>45	20	2.3	200 or 500	○
REPDM-50/22	>50	22	2.4	200 or 500	○
REPDM-60/25	>60	25	2.4	200 or 500	○
REPDM-70/30	>70	30	2.6	200 or 500	○
REPDM-80/35	>80	35	2.6	200 or 500	○
REPDM-100/40	>100	40	2.6	200 or 500	○

热缩电缆附件

Section B

Heat Shrinkable Cable Accessories



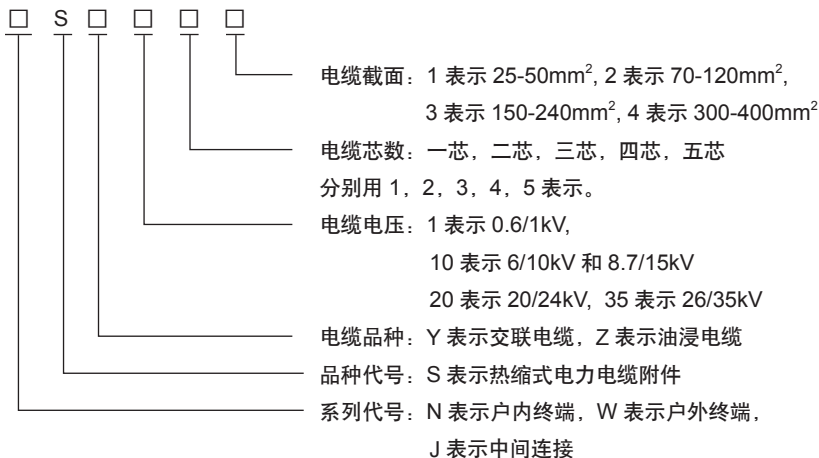
热缩电缆终端、中间接头

Heat Shrinkable Termination Kit and Straight Through Joint

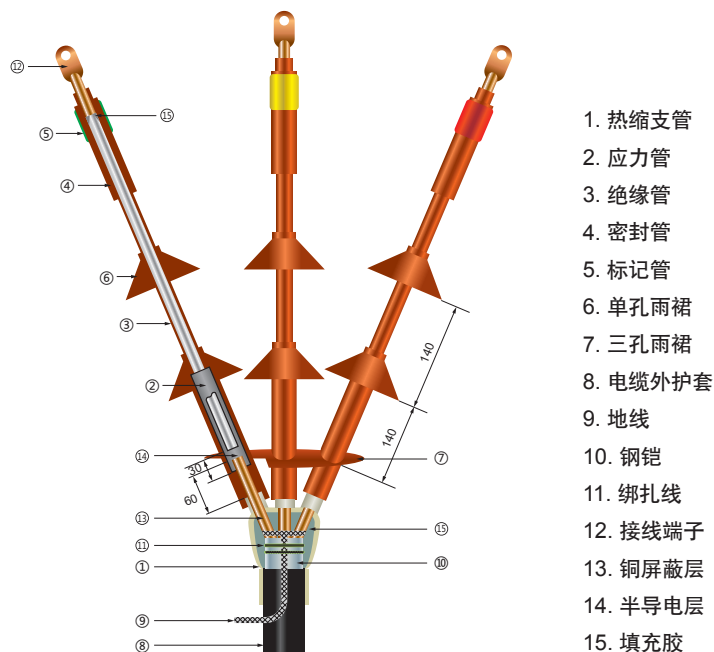
辐射交联热收缩型电缆附件，是国内电缆附件行业中的新产品，具有体积小、重量轻、性能可靠、适应性强、安装简便和价格便宜等特点。适用于各种电力电缆（交联电缆、塑料电缆和油浸电缆）的户内、户外终端、中间连接以及通信电缆连接、绝缘和各个领域的输配电工程。

Radiation co-connection heat-shrinkable cable accessories is the newest product of the national cable accessories industry. The product is the dimension, light in the weight, reliable performance, powerful adaptation, easily installation and low price. It is widely used in the inside-and-outside direct and intermediate terminal connection of every kinds of power cable including co-connection cable, plastics cable and oil-immersed cable. It also can be used as the connection accessories of the communication cable and the insulated protection. It is widely used in power supply of the power, petroleum and chemical industry, metallurgy and mine, construction and shipbuilding.

产品型号及含义



热缩电缆附件 Heat Shrinkable Cable Accessories



1kV 热缩电缆终端、中间接头

1kV Heat Shrinkable Termination Kit and Straight Through Joint

特点 Features:

适用于 0.6/1kV 单芯、二芯、三芯、四芯、五芯聚氯乙烯、交联聚乙烯、橡塑电力电缆的终端接头及中间连接，具有良好的电气性能和机械性能。

For 0.6/1kV 1 core, 2 cores, 3 cores, 4 cores, 5 cores PVC and XLPE power cable termination kit and straight through joint, with good electrical and mechanical properties.



技术数据 Technical Data:

材料名称 Material name	性能 Property	参数 Parameter
主要热缩材料	硬度邵氏 Shoe hardness (A)	84 ± 3
Heat shrinkable material	抗拉强度 Tensile strength (Mpa)	≥ 12
	收缩温度 Shrinkable temperature (°C)	120-130
绝缘管	体积电阻率 Volume resistance (Ω.cm)	≥ 1 × 10 ¹⁴
Insulation tubing	击穿强度 Dielectric strength (kV/mm)	≥ 20
径向收缩率 Radial shrinkable ratio		2.5:1
纵向收缩率 Longitudinal shrinkable ratio (%)		± 5
工频长期耐压 Power frequency long-time withstand voltage (kV/4h)		2.4
工频干态耐压 Power frequency dry-state withstand voltage (kV/5min)		4

选型尺寸 Product Dimensions:

适用电缆截面 mm ²		电缆芯数 Cable cores				
For cable cross section		一芯 Single core	二芯 Two cores	三芯 Three cores	四芯 Four cores	五芯 Five cores
终端接头 Termination kit	10,16	SY-1/1.0	SY-1/2.0	SY-1/3.0	SY-1/4.0	SY-1/5.0
	25,35,50	SY-1/1.1	SY-1/2.1	SY-1/3.1	SY-1/4.1	SY-1/5.1
	70,95,120	SY-1/1.2	SY-1/2.2	SY-1/3.2	SY-1/4.2	SY-1/5.2
	150,185,240	SY-1/1.3	SY-1/2.3	SY-1/3.3	SY-1/4.3	SY-1/5.3
	300,400	SY-1/1.4	SY-1/2.4	SY-1/3.4	SY-1/4.4	SY-1/5.4
中间连接 Straight through joint	10,16	JSY-1/1.0	JSY-1/2.0	JSY-1/3.0	JSY-1/4.0	JSY-1/5.0
	25,35,50	JSY-1/1.1	JSY-1/2.1	JSY-1/3.1	JSY-1/4.1	JSY-1/5.1
	70,95,120	JSY-1/1.2	JSY-1/2.2	JSY-1/3.2	JSY-1/4.2	JSY-1/5.2
	150,185,240	JSY-1/1.3	JSY-1/2.3	JSY-1/3.3	JSY-1/4.3	JSY-1/5.3
	300,400	JSY-1/1.4	JSY-1/2.4	JSY-1/3.4	JSY-1/4.4	JSY-1/5.4

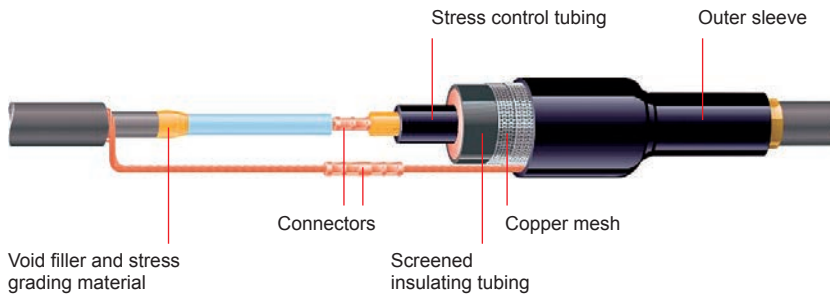
8.7/15kV 热缩电缆终端、中间接头

8.7/15kV Heat Shrinkable Termination Kit and Straight Through Joint

特点 Features:

适用于 6/10kV 和 8.7/15kV 的单芯、三芯聚氯乙烯、交联聚乙烯、橡塑电力电缆的终端接头及中间连接，具有良好的电气性能和机械性能。

For 6/10kV and 8.7/15kV single core or 3 cores PVC and XLPE power cable termination kit and straight through joint, with good electrical and mechanical properties.



- Tinned copper braid
- Solder + flux
- Silicone grease
- Cleaning tissue
- Abrasive strip
- Mastic tape
- Glove
- Installation instruction manual
- Breakout
- Anti-tracking tube
- Stress control tube
- Rain shed
- Lugs sealing tube
- Outer jacket sleeve tube
- Tinned copper mesh
- Worm drive clips
- Roll spring
- Stress control mastic
- Dual wall tube(black+red)
- Steel armour case



技术数据 Technical Data:

项目 Property	参数 Parameter	评定 Evaluation
工频干态耐压 Power frequency dry-state withstand voltage (kV/5min)	39	不闪络，不击穿 No flash and breakdown
工频湿态耐压 Power frequency damp-state withstand voltage (kV/5min)	39	不闪络，不击穿 No flash and breakdown
工频长期耐压 Power frequency long-time withstand voltage (kV/4h)	35	不闪络，不击穿 No flash and breakdown
冲击耐压 Surge withstand voltage (kV/1.2/50 μ s $\pm$ 10 次)	105	不击穿 No breakdown
直流耐压 DC withstand voltage (kV/15min)	52	不闪络，不击穿 No flash and breakdown
局部放电 Part discharge (kV.pc/1.5u ₀)	10	通过 Pass

选型尺寸 Product Dimensions:

适用电缆截面 mm ² For cable cross section	户内终端 Indoor termination kit		户外终端 Outdoor termination kit		中间连接 Straight through joint	
	一芯 Single core	三芯 Three cores	一芯 Single core	三芯 Three cores	一芯 Single core	三芯 Three cores
25,35,50	NSY-10/1.1	NSY-10/3.1	WSY-10/1.1	WSY-10/3.1	JSY-10/1.1	JSY-10/3.1
70,95,120	NSY-10/1.2	NSY-10/3.2	WSY-10/1.2	WSY-10/3.2	JSY-10/1.2	JSY-10/3.2
150,185,240	NSY-10/1.3	NSY-10/3.3	WSY-10/1.3	WSY-10/3.3	JSY-10/1.3	JSY-10/3.3
300,400	NSY-10/1.4	NSY-10/3.4	WSY-10/1.4	WSY-10/3.4	JSY-10/1.4	JSY-10/3.4

20/24kV 热缩电缆终端、中间接头

20/24kV Heat Shrinkable Termination Kit and Straight Through Joint

特点 Features:

适用于 20/24kV 的单芯、三芯聚氯乙烯、交联聚乙烯、橡塑电力电缆的终端接头及中间连接，具有良好的电气性能和机械性能。

For 20/24kV single core or 3 cores PVC and XLPE power cable termination kit and straight through joint, with good electrical and mechanical properties.



- Tinned copper braid
- Mastic tape
- Silicone grease
- Cleaning tissue
- Abrasive strip
- Glove
- Installation instruction manual
- Anti tracking breakout
- Anti-tracking tube
- Stress control tube
- Rain shed
- Lugs sealing tube
- Outer jacket sleeve tube
- Tinned copper mesh
- Worm drive clips
- Roll spring
- Stress control mastic
- Dual wall tube(black+red)
- Steel armour case



技术数据 Technical Data:

项目 Property	参数 Parameter	评定 Evaluation
工频干态耐压 Power frequency dry-state withstand voltage (kV/5min)	54	不闪络，不击穿 No flash and breakdown
工频湿态耐压 Power frequency damp-state withstand voltage (kV/5min)	54	不闪络，不击穿 No flash and breakdown
工频长期耐压 Power frequency long-time withstand voltage (kV/4h)	48	不闪络，不击穿 No flash and breakdown
冲击耐压 Surge withstand voltage (kV/1.2/50 μ s $\pm$ 10 次)	125	不击穿 No breakdown
直流耐压 DC withstand voltage (kV/15min)	96	不闪络，不击穿 No flash and breakdown
局部放电 Part discharge (kV.pc/1.5u ₀)	10	通过 Pass

选型尺寸 Product Dimensions:

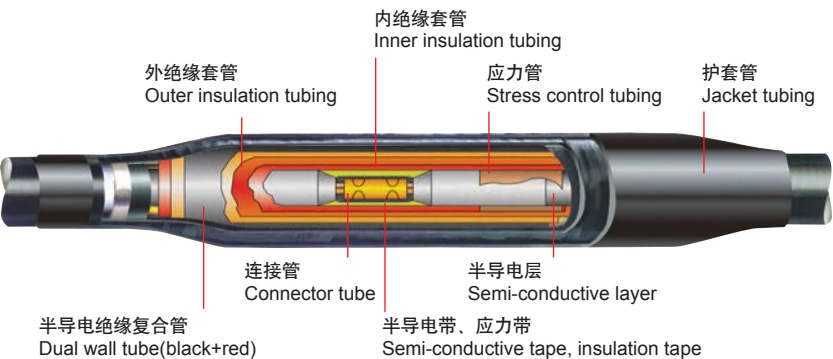
适用电缆截面 mm ² For cable cross section	户内终端 Indoor termination kit		户外终端 Outdoor termination kit		中间连接 Straight through joint	
	一芯 Single core	三芯 Three cores	一芯 Single core	三芯 Three cores	一芯 Single core	三芯 Three cores
25,35,50	NSY-20/1.1	NSY-20/3.1	WSY-20/1.1	WSY-20/3.1	JSY-20/1.1	JSY-20/3.1
70,95,120	NSY-20/1.2	NSY-20/3.2	WSY-20/1.2	WSY-20/3.2	JSY-20/1.2	JSY-20/3.2
150,185,240	NSY-20/1.3	NSY-20/3.3	WSY-20/1.3	WSY-20/3.3	JSY-20/1.3	JSY-20/3.3
300,400	NSY-20/1.4	NSY-20/3.4	WSY-20/1.4	WSY-20/3.4	JSY-20/1.4	JSY-20/3.4

26/35kV 热缩电缆终端、中间接头
26/35kV Heat Shrinkable Termination Kit and Straight Through Joint

特点 Features:

适用于 26/35kV 的单芯、三芯聚氯乙烯、交联聚乙烯、橡塑电力电缆的终端接头及中间连接，具有良好的电气性能和机械性能。

For 26/35kV single core or 3 cores PVC and XLPE power cable termination kit and straight through joint, with good electrical and mechanical properties.



- Tinned copper braid
- Mastic tape
- Silicone grease
- Cleaning tissue
- Abrasive strip
- Glove
- Tinned copper binding wire
- Installation instruction manual
- Anti tracking breakout
- Anti-tracking tube
- Stress control tube
- Rain shed
- Lugs sealing tube
- Outer jacket sleeve tube
- Tinned copper mesh
- Worm drive clips
- Roll spring
- Stress control mastic
- Dual wall tube(black+red)
- Steel armour case



技术数据 Technical Data:

项目 Property	参数 Parameter	评定 Evaluation
工频干态耐压 Power frequency dry-state withstand voltage (kV/5min)	105	不闪络，不击穿 No flash and breakdown
工频湿态耐压 Power frequency damp-state withstand voltage (kV/5min)	105	不闪络，不击穿 No flash and breakdown
工频长期耐压 Power frequency long-time withstand voltage (kV/4h)	78	不闪络，不击穿 No flash and breakdown
冲击耐压 Surge withstand voltage (kV/1.2/50μs ± 10 次)	140	不击穿 No breakdown
直流耐压 DC withstand voltage (kV/15min)	156	不闪络，不击穿 No flash and breakdown
局部放电 Part discharge (kV.pc/1.5u ₀)	10	通过 Pass

选型尺寸 Product Dimensions:

适用电缆截面 mm ² For cable cross section	户内终端 indoor termination kit		户外终端 outdoor termination kit		中间连接 Straight through joint	
	一芯 Single core	三芯 Three cores	一芯 Single core	三芯 Three cores	一芯 Single core	三芯 Three cores
25,35,50	NSY-35/1.1	NSY-35/3.1	WSY-35/1.1	WSY-35/3.1	JSY-35/1.1	JSY-35/3.1
70,95,120	NSY-35/1.2	NSY-35/3.2	WSY-35/1.2	WSY-35/3.2	JSY-35/1.2	JSY-35/3.2
150,185,240	NSY-35/1.3	NSY-35/3.3	WSY-35/1.3	WSY-35/3.3	JSY-35/1.3	JSY-35/3.3
300,400	NSY-35/1.4	NSY-35/3.4	WSY-35/1.4	WSY-35/3.4	JSY-35/1.4	JSY-35/3.4

热缩直通接头

0.6/1kV Heat Shrinkable Straight Through Joint

Application:

Straight heat shrinkable cable joints are used for jointing power insulation connections, convenient for connection of underground, ground telecom and energy cables, park and garden illumination, underground electrical distribution, pool, any moisture ambient and under water. Resin layer blocks to water, humidity and moisture to pass through the cable.

During the mounting of heat shrinkable joint, do not apply the fire on the tube, surface not fixed, must apply with circular movements.

Technical Data:

- Water Absorption: ASTM D 570 $\leq 0.5\%$
- Electrical Insulation: up to 5kV
- Joint Shrink Point: 110°C
- Joint Hardness: 45-50 Shores D
- Tensile Strength: 12 Mpa
- Break down Elongation: $\geq 400\%$
- Adhesive Melting Point: 90°C
- Removed Strength from Steel: 30 N/cm² at 23°C
- Appropriate RoHS Standards
- The excellent movement stability and credibility, good covering cable, easy mounting, excellent.



Suitable Cable Types:

YVV-U, YVV-R, CU/PVC/PVC, NYY, N2XY Use for, PVC insulations, HEPR, EPR, XLPE, other side, armour cables, mining, ship, airport lighting, railway, control, telephone, water pump, submersible pump, data and fiber cables.

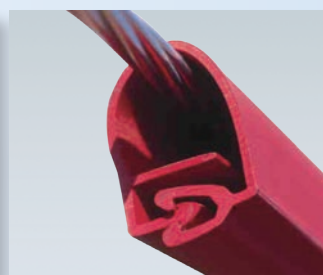
Product Dimensions:

Code	Cross,see.of cable (mm ²)	D (mm)	L (mm)	Diameter of cable (mm)
R1-3105C	3 × 1.5 Cu	28	260	13
R1-3205C	3 × 2.5 Cu	28	260	14
R1-4205C	4 × 2.5 Cu	28	260	15
R1-5205C	5 × 2.5 Cu	28	260	15
R1-504C	5 × 4 Cu	28	350	16
R1-506C	5 × 6 Cu	33	350	17
R1-510C	5 × 10 Cu	40	350	20
R1-410C	4 × 10 Cu	40	350	20
R1-416C	4 × 16 Cu	40	500	23
R1-425C	4 × 25 Cu	55	500	26
R1-435C	4 × 35 Cu	55	500	29
R1-416A	4 × 16 Al	40	500	23
R1-425A	4 × 25 Al	55	500	26
R1-435A	4 × 35 Al	55	500	29
R1-450A	4 × 50 Al	55	500	34
R1-470A	4 × 70 Al	75	500	39
R1-495A	4 × 95 Al	75	500	44
R1-4120A	4 × 120 Al	95	750	48
R1-4150A	4 × 150 Al	95	750	52
R1-4185A	4 × 185 Al	115	750	58
R1-4240A	4 × 240 Al	115	750	66

高压热缩管

Section C

Medium Voltage Tubing



热缩母线绝缘套管

Bus-Bar Insulation Heat Shrinkable Tubing (RBBT)

特点 Features:

- 难燃性高：氧指数大于 30；
- 耐热性好：使用温度达到 105°C 时，仍可以稳定运行；
- 低温性好：在 -45°C 温度环境中，产品不脆不裂；
- 安装容易：只需要在烘箱或喷枪，即可容易地将产品收缩在母线排上。
- High fire resistance: the oxygen index is more than 30.
- Fine heat resistance: the operating temperature can reach to 105°C still can run stably.
- Fine low-temperature character: the product is not fragile and cracking in the temperature environment of -45°C.
- Easy installation: the product can be easily contracted on the bus bar only by bake oven or spray gun.



技术数据 Technical Data:

测试项目 Property	测试方法 Test method	典型数据 Typical data
硬度 (邵氏 A) Shore A hardness	-	<80
抗拉强度 Tensile strength (Mpa)	ASTM D 2671	>12
断裂伸长率 Elongation at break (%)	ASTM D 2671	>400
纵向收缩率 Longitudinal shrinkable ratio (%)	UL224	<5.0
体积电阻率 Volume resistance (Ω/cm)	IEC 93	>1 × 10 ¹⁴
径向收缩率 Radial shrinkable ratio	ASTM D 2671	>50
击穿强度 Breakdown strength (kV/mm)	IEC 243	≥ 23
吸水率 Water absorption (%)	ISO 62	<0.5
偏壁率 Eccentricity (%)	ASTM D 2671	<30
氧指数 Oxygen index	-	≥ 30
密度 Density (kg/cm ³)	ASTM D 792	1.15 × 10 ¹³
完全收缩温度 Complete shrink temperature (°C)	-	130 ± 5

11kV 选型尺寸 Product Dimensions for 11kV

Normal size (mm)	AS supplied (mm)	After recovered (mm)		Length (m)	Tubing shape
	Inside diameter	Inside diameter	Wall thickness		
RBBT-A-20/10	>20	10	2.0	25	—
RBBT-A-25/13	>25	13	2.0	25	—
RBBT-A-30/15	>30	15	2.0	25	—
RBBT-A-40/20	>40	20	2.2	25	—
RBBT-A-50/25	>50	25	2.2	25	—
RBBT-A-60/30	>60	30	2.2	25	—
RBBT-A-70/35	>70	35	2.2	25	—
RBBT-A-80/40	>80	40	2.2	25	—
RBBT-A-100/50	>100	50	2.5	25	—
RBBT-A-120/60	>120	60	2.5	25	—
RBBT-A-150/75	>150	75	2.5	25	—

35kV 选型尺寸 Product Dimensions for 35kV

Normal size (mm)	AS supplied (mm)	After recovered (mm)		Length (m)	Tubing shape
	Inside diameter	Inside diameter	Wall thickness		
RBBT-B-20/10	>20	10	3.0	20	—
RBBT-B-25/13	>25	13	3.0	20	—
RBBT-B-30/15	>30	15	3.0	20	—
RBBT-B-40/20	>40	20	3.2	20	—
RBBT-B-50/25	>50	25	3.2	20	—
RBBT-B-60/30	>60	30	3.2	20	—
RBBT-B-70/35	>70	35	3.2	20	—
RBBT-B-80/40	>80	40	3.2	20	—
RBBT-B-100/50	>100	50	3.5	20	—
RBBT-B-120/60	>120	60	3.5	20	—
RBBT-B-150/75	>150	75	3.5	20	—

热缩绝缘管

Anti Tracking Insulation Heat Shrinkable Tubing (RAT)

应用 Application:

热缩绝缘管具有耐气候变化、抗电碳痕迹及阻燃等优良特性，作为 35kV 及以下电缆户内、外终端的绝缘管。外穿墙套管及电流互感器的绝缘管，该产品不但具有良好的耐环境温度和环境污染性能，而且具有良好的机械强度，能耐较高的额定电压。

RAT is anti tracking insulation heat shrinkable tubing has advantage of weather-resistance, aging-resistance, tracking-resistance and anti flaming, as the insulation tubing of cable outdoor, indoor termination under 35kV. This product not only have good temperature and dirt resistance, but also have good machinery strength and high-voltage rated voltage.

- Halogen free
- Tracking resistant
- Minimum shrink temperature: 120°C



技术数据 Technical Data:

测试项目 Property	测试方法 Test method	典型数据 Typical data
抗拉强度 Tensile strength (Mpa)	ASTM D 2671	≥ 11
断裂伸长率 Elongation at break (%)	ASTM D 2671	≥ 400
纵向收缩率 Longitudinal shrinkable ratio (%)	ASTM D 2671	± 5
体积电阻率 Volume resistance (Ω.cm)	ASTM D 2303	1×10^{13}
击穿强度 Dielectric strength (kv/mm)	IEC 243	≥ 20
径向收缩率 Radial shrinkable ratio	ASTM D 2671	2.5:1
介电常数 Dielectric constant (ε)	IEC 250	3.0 max
氧指数 Flammability (Oxygen index)	IEC 93	≥ 25
铜腐蚀性 Copper corrosion (120°C/168hrs)	ASTM D 2671	No corrosion

选型尺寸 Product Dimensions:

Normal size (mm)	AS supplied(mm)	After recovered(mm)		Length(mm)	Tubing shape
	Inside diameter	Inside diameter	Wall thickness		
RAT-B-30/12	>30	12	2.1	650 or 1000	○
RAT-B-35/14	>35	14	2.2	650 or 1000	○
RAT-B-40/16	>40	16	2.4	650 or 1000	○
RAT-B-50/20	>50	20	2.5	650 or 1000	○
RAT-C-35/14	>35	14	3.0	650 or 1000	○
RAT-C-40/16	>40	16	3.0	650 or 1000	○
RAT-C-50/20	>50	20	3.3	650 or 1000	○
RAT-C-60/25	>60	25	3.3	650 or 1000	○
RAT-D-50/20	>50	20	3.8	650 or 1000	○
RAT-D-60/25	>60	25	3.8	650 or 1000	○
RAT-D-70/30	>70	30	4.0	650 or 1000	○
RAT-D-80/35	>80	35	4.0	650 or 1000	○

热缩绝缘半导复合管

Semi-Conductive and Insulation Double Layer Heat Shrinkable Tubing (RSCI)

应用 Application:

应用于高压电力电缆中间连接，提供有效的绝缘屏蔽。

RSCI is 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, is very suitable for applications in power cable joints up to 36kV.

- Two layer
- Minimum shrink temperature: 100°C
- Minimum full recovered temperature: 130°C



技术数据 Technical Data:

测试项目 Property	测试方法 Test method	典型数据 Typical data
内层 Inner layer		
抗拉强度 Tensile strength (Mpa)	ASTM D 2671	≥ 12
断裂伸长率 Elongation at break (%)	ASTM D 2671	≥ 300
纵向收缩率 Water absorption (%)	ISO 62	< 0.5
体积电阻率 Volume resistance (Ω.cm)	IEC 93	≥ 1 × 10 ¹⁴
击穿强度 Dielectric strength (kV/mm)	IEC 243	≥ 20
密度 Density (g/cm ²)	ASTE D 257	1.1
外部层 External layer		
抗拉强度 Tensile strength (Mpa)	ASTM D 638	≥ 2
断裂伸长率 Elongation at break (%)	ASTM D 638	≥ 300
纵向收缩率 Water absorption (%)	ISO 62	0.5
体积电阻率 Volume resistance (Ω.cm)	IEC 93	< 1 × 10 ¹⁴
密度 Density (g/cm ²)	ASTE D 257	< 1.2

选型尺寸 Product Dimensions:

Normal size (mm)	AS supplied(mm)	After recovered(mm)		Length(mm)	Tubing shape
	Inside diameter	Inside diameter	Wall thickness		
RSCI-30/11	≥ 30	≤ 11	5	300 or 1200	○
RSCI-35/13	≥ 35	≤ 13	5	300 or 1200	○
RSCI-45/16	≥ 45	≤ 16	5	300 or 1200	○
RSCI-55/20	≥ 55	≤ 20	5	300 or 1200	○
RSCI-65/25	≥ 65	≤ 25	5	300 or 1200	○
RSCI-88/30	≥ 85	≤ 30	7	300 or 1200	○
RSCI-100/38	≥ 100	≤ 38	7	300 or 1200	○
RSCI-120/45	≥ 120	≤ 45	7	300 or 1200	○

热缩应力控制管

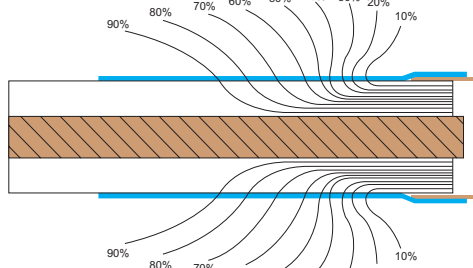
Stress Control Heat Shrinkable Tubing (RSCT)

应用 Application:

应用于高压电力电缆的附件中，起到应力控制的作用。

RSCT is made from radiation cross-linked polyolefin material, The specially designed chemical formulation and carefully controlled manufacture technology effectively release the high electrical stress present at insulation screen in termination and joint of power cable from 11kV to 36kV.

- Electric stress relief
- Shrink temperature: 110°C



技术数据 Technical Data:

测试项目 Property	测试方法 Test method	典型数据 Typical data
抗拉强度 Tensile strength (Mpa)	ASTM D 2671	≥ 10
断裂伸长率 Elongation at break (%)	ASTM D 2671	≥ 300
纵向收缩率 Longitudinal shrinkable ratio (%)	ASTM D 2671	± 5
体积电阻率 Volume resistance (Ω.cm)	ASTM D 2303	1×10^{14}
击穿强度 Dielectric strength (kV/mm)	IEC 243	≥ 20
径向收缩率 Radial shrinkable ratio	ASTM D 2671	2.5:1
介电常数 Dielectric constant (ε)	IEC 250	2.5 max

选型尺寸 Product Dimensions:

Normal size (mm)	AS supplied(mm)	After recovered(mm)		Length(mm)	Tubing shape
	Inside diameter	Inside diameter	Wall thickness		
RSCT-26/10	>26	10	1.8	100 or 1000	○
RSCT-30/12	>30	12	2.0	100 or 1000	○
RSCT-35/14	>35	14	2.2	100 or 1000	○
RSCT-40/16	>40	16	2.4	100 or 1000	○
RSCT-50/20	>50	20	2.5	100 or 1000	○
RSCT-60/25	>60	25	2.7	100 or 1000	○
RSCT-70/30	>70	30	2.8	100 or 1000	○
RSCT-80/35	>80	35	3.0	100 or 1000	○

热缩半导体电管

Semi-Conductive Heat Shrinkable Tubing (RSMC)

应用 Application:

RSMC 由辐射交联聚烯烃制成，适用于电缆附件的应用，该热缩套管对高压电缆连接器提供有效的绝缘屏蔽。

RSMC is manufactured with radiation cross linked polyolefin and suitable for application in power cable accessories. Specially developed chemical formulation makes the tubing provide effective insulation screen on the high voltage cable connectors.

- Shrink temperature: 110°C



技术数据 Technical Data:

测试项目 Property	测试方法 Test method	典型数据 Typical data
抗拉强度 Tensile strength (Mpa)	ASTM D 2671	≥ 14
断裂伸长率 Elongation at break (%)	ASTM D 2671	≥ 300
纵向收缩率 Longitudinal shrinkable ratio (%)	ASTM D 2671	± 5
体积电阻率 Volume resistance (Ω.cm)	ASTM D 2303	1×10^{14}
径向收缩率 Radial shrinkable ratio	ASTM D 2671	2.5 : 1
吸水率 Water absorption (%)	ISO 62	< 0.15
热老化断裂伸长率 Elongation at break after aging (%)	120°C, 168hrs	≥ 200
偏壁率 Eccentricity (%)	ASTM D 2671	< 30

选型尺寸 Product Dimensions:

Normal size (mm)	AS supplied(mm)	After recovered(mm)		Length(mm)	Tubing shape
	Inside diameter	Inside diameter	Wall thickness		
RSMC-35/14	>35	14	2.0	1000	○
RSMC-40/16	>40	16	2.2	1000	○
RSMC-50/20	>50	20	2.4	1000	○
RSMC-60/25	>60	25	2.5	1000	○
RSMC-70/30	>70	30	2.5	1000	○
RSMC-80/35	>80	35	2.8	1000	○
RSMC-100/40	>100	40	3.2	1000	○
RSMC-120/50	>120	50	3.2	1000	○

热缩隔油管

Oil Resistant Heat Shrinkable Tubing (RORT)

应用 Application:

适用于油浸电缆作隔油作用。

RORT is manufactured with radiation cross-linked oil resistant polyolefin, and suitable for application in PILC power cable termination kit and joint.

- Shrink temperature: 100°C



技术数据 Technical Data:

测试项目 Property	测试方法 Test method	典型数据 Typical data
抗拉强度 Tensile strength (Mpa)	ASTM D 2671	≥ 12
断裂伸长率 Elongation at break (%)	ASTM D 2671	≥ 300
纵向收缩率 Longitudinal shrinkable ratio (%)	ASTM D 2671	± 5
体积电阻率 Volume resistance (Ω.cm)	ASTM D 2303	1×10^{14}
径向收缩率 Radial shrinkable ratio	ASTM D 2671	2.5:1
吸水率 Water absorption (23°C, 14days) (%)	ISO 62	<0.5
击穿强度 Dielectric strength (kV/mm)	IEC 243	≥ 20
耐油性 Oil resistance	---	Pass

选型尺寸 Product Dimensions:

Normal size (mm)	AS supplied(mm)	After recovered(mm)		Length(mm)	Tubing shape
	Inside diameter	Inside diameter	Wall thickness		
RORT-25/10	>25	10	1.7	1000	○
RORT-30/12	>30	12	1.8	1000	○
RORT-38/14	>38	14	2.2	1000	○
RORT-45/18	>45	18	2.4	1000	○
RORT-50/20	>50	20	2.5	1000	○
RORT-60/25	>60	25	2.5	1000	○

热缩护套管

Protective Jacket Heat Shrinkable Tubing (RJKT)

应用 Application:

热缩护套管能在电缆外层起到非常好的机械保护作用。

RJKT heat shrinkable protective jacket tube has good insulation and machinery protection. It suitable for mend of cable out-layer protection and out layer protection of intermediate connecting.

- Shrink temperature: 120°C



技术数据 Technical Data:

测试项目 Property	测试方法 Test method	典型数据 Typical data
抗拉强度 Tensile strength (Mpa)	ASTM D 2671	≥ 13
断裂伸长率 Elongation at break (%)	ASTM D 2671	≥ 300
纵向收缩率 Longitudinal shrinkable ratio(%)	ASTM D 2671	± 5
体积电阻率 Volume resistance (Ω.cm)	ASTM D 2303	1×10^{14}
径向收缩率 Radial shrinkable ratio	ASTM D 2671	2.5: 1
吸水率 Water absorption (%)	ISO 62	<0.15
热老化断裂伸长率 Elongation at break after aging (%)	120°C, 168hrs	≥ 200
偏壁率 Eccentricity (%)	ASTM D 2671	<30

选型尺寸 Product Dimensions:

Normal size (mm)	AS supplied(mm)	After recovered(mm)		Length(mm)	Tubing shape
	Inside diameter	Inside diameter	Wall thickness		
RJKT-12/6	>12	6	1.0	1000	○
RJKT-16/5	>16	5	1.1	1000	○
RJKT-25/8	>25	8	1.2	1000	○
RJKT-35/12	>35	12	1.4	1000	○
RJKT-42/16	>42	16	1.8	1000	○
RJKT-50/20	>50	20	2.0	1000	○
RJKT-60/25	>60	25	2.2	1000	○
RJKT-70/30	>70	30	2.5	1000	○
RJKT-80/30	>80	30	2.5	1000	○
RJKT-100/35	>100	35	3.0	1000	○
RJKT-120/40	>120	40	3.2	1000	○
RJKT-130/45	>130	45	3.2	1000	○
RJKT-140/50	>140	50	3.5	1000	○
RJKT-150/55	>150	55	3.5	1000	○
RJKT-170/65	>170	65	4.0	1000	○
RJKT-200/70	>200	70	4.0	1000	○

热缩中壁管

Medium Wall Heat Shrinkable Tubing With Hot Melting Adhesive (RMW)

Application:

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



Technical Data:

Property	Test method	Typical data
Operating temperature (°C)	IEC 216	-55 to +110
Tensile strength (Mpa)	ASTM D 2671	≥ 14
Elongation at break (%)	ASTM D 2671	400
Density (g/cm ³)	ASTM D 792	1.05
Longitudinal shrinkable ratio (%)	UL224	0 to -10
Dielectric strength (kV/mm)	IEC 243	≥ 20
Volume resistance (Ω.cm)	IEC 93	>10 ¹⁴
Eccentricity (%)	ASTM D 2671	<30
Copper stability	ASTM D 2671	Pass
Resistance to stress cracking (50°C)	ASTM D 1693	No cracking
Water absorption (23°C/14days) (%)	ISO 62	<0.15

Thermoplastic Adhesive:

Property	Test method	Typical data
Water absorption (%)	ISO 62	<0.2
Softening point (°C)	ASTM D E28	85
Peel strength (PE) (N/cm)	DIN 30672	4
Copper stability	ASTM D 2671	Non-corrosive
Resistance to fungus and decay	ISO 846	Pass

Product Dimensions:

Normal size (mm)	AS supplied (mm)	After recovered (mm)		Length (m)	Tubing shape
	Inside diameter	Inside diameter	Wall thickness		
RMW-8/2	8	2	1.7	1.22	○
RMW-12/3	12	3	2.0	1.22	○
RMW-16/5	16	5	2.2	1.22	○
RMW-19/5	19	5	2.5	1.22	○
RMW-22/6	22	6	2.5	1.22	○
RMW-28/6	28	6	2.5	1.22	○
RMW-33-8	33	8	2.5	1.22	○
RMW-40/12	40	12	2.5	1.22	○
RMW-55/16	55	16	2.7	1.22	○

Normal size (mm)	AS supplied (mm)	After recovered (mm)		Length (m)	Tubing shape
	Inside diameter	Inside diameter	Wall thickness		
RMW-65/19	65	19	2.8	1.22	○
RMW-75/22	75	22	3.0	1.22	○
RMW-85/25	85	25	3.0	1.22	○
RMW-95/25	95	25	3.0	1.22	○
RMW-115/34	115	34	3.0	1.22	○
RMW-140/42	140	42	3.0	1.22	○
RMW-160/50	160	50	3.0	1.22	○
RMW-180/58	180	58	3.0	1.22	○
RMW-205/65	205	65	3.0	1.22	○

热缩厚壁管

Heavy Wall Heat Shrinkable Tubing With Hot Melting Adhesive (RHW)

Application:

RHW is 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 ration allows it easily fit over irregular shape and large connectors.

RHW 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



Technical Data:

Property	Test method	Typical data
Operating temperature (°C)	IEC 216	-55 to +110
Tensile strength (Mpa)	ASTM D 2671	≥ 14
Elongation at break (%)	ASTM D 2671	400
Density (g/cm ³)	ASTM D 792	1.05
Longitudinal shrinkable ratio (%)	UL224	0 to -10
Dielectric strength (kV/mm)	IEC 243	≥ 20
Volume resistance (Ω.cm)	IEC 93	>10 ¹⁴
Eccentricity (%)	ASTM D 2671	<30
Copper stability	ASTM D 2671	Pass
Resistance to stress cracking (50°C)	ASTM D 1693	No cracking
Water absorption (23°C/14days) (%)	ISO 62	<0.15

Product Dimensions:

Normal size (mm)	AS supplied (mm)	After recovered (mm)		Length (m)	Tubing shape
	Inside diameter	Inside diameter	Wall thickness		
RHW-9/3	9	3	1.8	1.22	○
RHW-13/4	13	4	2.4	1.22	○
RHW-22/6	22	6	2.7	1.22	○
RHW-33/8	33	8	3.2	1.22	○
RHW-40/12	40	12	4.1	1.22	○
RHW-45/12	45	12	4.1	1.22	○
RHW-55/16	55	16	4.1	1.22	○
RHW-75/22	75	22	4.1	1.22	○

Normal size (mm)	AS supplied (mm)	After recovered (mm)		Length (m)	Tubing shape
	Inside diameter	Inside diameter	Wall thickness		
RHW-85/25	85	25	4.3	1.22	○
RHW-95/30	95	30	4.3	1.22	○
RHW-105/30	105	30	4.3	1.22	○
RHW-130/36	130	36	4.3	1.22	○
RHW-160/50	160	50	4.3	1.22	○
RHW-180/50	180	50	4.3	1.22	○
RHW-200/60	200	60	4.3	1.22	○
-	-	-	-	-	-

中压卡扣套管

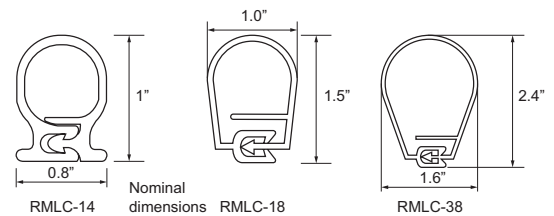
Medium Voltage Line Cover (RMLC)

Main characteristics:

- Snap-in device, simple and easy installation, installation is finished just by snapping in the two terminals.
- Built-in creepage extender, increase the creepage distance, and improve the insulation property.
- Built-in sealant, strengthen the sealing efficiency.
- Excellent weathering resistance and insulating performance, anti-creepage, abrasion resistant, ultraviolet resistance;
- Hot-line installation, positioning mounting is available, simple construction;
- It is applicable for emergency maintenance and temporary insulation protection.

Application:

- Snap-in insulation protecting band is mainly applied to aerial bare line in electrified railway system when crossing tunnel, bridge and tropical rain forest, used to improve its insulation performance, prevent occurring of short circuit, and reinforce the insulation protection of aerial bare line effectively.
- It is mainly applied to line crossing insulation protection of aerial bare line of 15kV and 35kV in power system.
- It is mainly applied to reinforced insulation protection of aerial bare line crossing forest, building, tunnel, river, etc.
- It also can be applied to the insulator part on the aerial bare line of railway system, used to improve its insulation performance.



Technical Data:

Property	Test method	Typical data
Tensile strength (Mpa)	GB/T1040-1992	≥ 12
Elongation at break (%)	GB/T1040-1992	≥ 400
Dielectric strength (kV/mm)	GB/T1408-1989	≥ 42
Volume resistance (Ω/cm)	GB/T1410-2006	1×10^{13}
Dielectric constant (ε)	GB/T1409-2006	3.0 max
Flammability (oxygen index)	GB/T2406-1993	≥ 27

Product Dimensions:

Normal size (mm)	Voltage Glass (kV)	Conductor Size (mm ²)	Conductor O.D (mm)	Length (m/roll)
RMLC-14A	1-15	Under 70	12	20
RMLC-14B	1-35	Under 70	12	20
RMLC-18A	1-15	Under 120	16	20
RMLC-18B	1-35	Under 120	16	20
RMLC-20A	1-15	150	18	20
RMLC-20B	1-35	150	18	20
RMLC-28A	1-15	Under 300	24	20
RMLC-28B	1-35	Under 300	24	20
RMLC-38A	1-15	Under 630	35	20
RMLC-38B	1-35	Under 630	35	20

热缩电缆修补片

Heat Shrinkable Cable Repair Sleeve (RCRS)

Application:

Adhesive lined, heat shrinkable wraparound sleeve, that is closed with a flexible Stainless-steel locking channel. used for general re-jacketing and sealing applications, Protection of damaged cable or repair of cable joints. installs easily in splice. Applications that are longer in length.

Features and Benefits:

1. >3:1 shrink ratio
2. Provides water tight seal upon recovery
3. Offers mechanical durability
4. Application procedure is quick, simple and clean
5. Covered with the monochromatic paint that changes upon correct shrink temperature
6. Sleeve and channel can be cut to suit short application requirements
7. Steel channel provides permanent closure system
8. Installation temperature range: -15°C to 45°C

Typical Applications:

1. Cable jacket repair
2. Primary insulation cover on low voltage cable



Product Dimensions:

Normal size (mm)	Size		
	Expanded id (mm)	Recovered id (mm)	Length (mm)
RCRS-40/12	40	12	300~1000
RCRS-50/15	50	15	300~1000
RCRS-60/18	60	18	300~1000
RCRS-70/22	70	22	300~1000
RCRS-85/25	85	25	300~1000
RCRS-100/30	100	30	300~1000
RCRS-135/38	135	38	300~1000
RCRS-175/55	175	55	300~1000
RCRS-210/65	210	65	300~1000

低压热缩管

Section D

Thin Wall and Dual Wall Tubing



低温热缩套管 Thin Wall Heat Shrinkable Tubing (RDRS 2X)

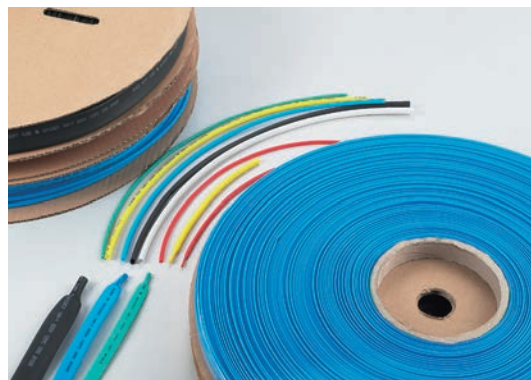
Shrink Ratio 2:1

应用 Application:

热缩套管具有低温收缩、柔软阻燃、绝缘防蚀等功能，广泛应用于电线的连接、标志和结束，金属管、棒的防锈防蚀、天线保护等。

The fire resistant heat shrinkable tubing are provided with the function of low-temperature contraction, flexibility, fire resistance, insulation and corrosion prevention and so on. These are widely used for connecting, marking and strapping the wire and protect the metal tubes, bars and antenna from rusting and corroding.

- Standard colors: Black, Red, Green, Yellow, Blue, White, Clear
- Special colors are available on request



技术数据 Technical Data:

测试项目 Property	测试方法 Test method	典型数据 Typical data
工作温度 Operating temperature (°C)	UL 224	-50 to +125
抗拉强度 Tensile strength (Mpa)	ASTM D 2671	≥ 14
断裂伸长率 Elongation at break (%)	ASTM D 2671	>400
纵向收缩率 Longitudinal shrinkable ratio (%)	UL 224	0 ± 5
偏壁率 Eccentricity (%)	ASTM D 2671	<30
热老化断裂伸长率 Heat aging tensile strength ultimate elongation	158°C/168hrs	≥ 300
阻燃率 Flammability	VW-1	Pass
体积电阻率 Volume resistance (Ω.cm)	IEC 93	>10 ¹⁴
铜稳定性 Copper stability	UL 224	Pass

选型尺寸 Product Dimensions:

Normal size (mm)	AS supplied(mm)		After recovered(mm)		Standard Length (m/spool)
	Inside Diameter(Min)	Wall Thickness(Max)	Inside Diameter(Max)	Wall Thickness(Max)	
1.0/0.5	1.0	0.175 ± 0.05	0.5	0.35 ± 0.08	200
1.5/0.75	1.5	0.175 ± 0.05	0.8	0.35 ± 0.08	200
2.0/1.0	2.0	0.19 ± 0.05	1.0	0.38 ± 0.08	200
2.5/1.25	2.5	0.20 ± 0.05	1.3	0.40 ± 0.08	200
3.0/1.5	3.0	0.20 ± 0.05	1.5	0.40 ± 0.08	200
3.5/1.75	3.5	0.20 ± 0.05	1.8	0.40 ± 0.08	200
4.0/2.0	4.0	0.225 ± 0.05	2.0	0.45 ± 0.08	200
5.0/2.5	5.0	0.225 ± 0.05	2.5	0.45 ± 0.08	100
6.0/3.0	6.0	0.225 ± 0.05	3.0	0.45 ± 0.08	100
7.0/3.5	7.0	0.225 ± 0.05	3.5	0.45 ± 0.08	100
8.0/4.0	8.0	0.225 ± 0.05	4.0	0.45 ± 0.08	100
9.0/4.5	9.0	0.25 ± 0.05	4.5	0.50 ± 0.08	100
10.0/5.0	10.0	0.25 ± 0.05	5.0	0.50 ± 0.08	100
11.0/5.5	11.0	0.25 ± 0.05	5.5	0.50 ± 0.08	100
12.0/6.0	12.0	0.25 ± 0.05	6.0	0.50 ± 0.08	100
13.0/6.5	13.0	0.25 ± 0.05	6.5	0.50 ± 0.08	100
14.0/7.0	14.0	0.275 ± 0.06	7.0	0.55 ± 0.10	100
15.0/7.5	15.0	0.275 ± 0.06	7.5	0.55 ± 0.10	100
16.0/8.0	16.0	0.30 ± 0.06	8.0	0.60 ± 0.10	100
18.0/9.0	18.0	0.30 ± 0.06	9.0	0.60 ± 0.10	50

低温热缩套管 (母线排绝缘)Thin Wall Heat Shrinkable Tubing (RDRS 2X)

Shrink Ratio 2:1

应用 Application:

热缩套管具有低温收缩、柔软阻燃、绝缘防蚀等功能，广泛应用于电线的连接、标志和结束，低压母线排的绝缘保护等。

The fire resistant heat shrinkable tubing are provided with the function of low-temperature contraction, flexibility, fire resistance, insulation and corrosion prevention and so on. These are widely used for connecting, marking and strapping the wire and protect the metal tubes, bars and antenna from rusting and corroding.

- Standard colors: Black, Red, Green, Yellow, Blue, White, Clear
- Special colors are available on request



技术数据 Technical Data:

测试项目 Property	测试方法 Test method	典型数据 Typical data
工作温度 Operating temperature (°C)	UL 224	-50 to +125
抗拉强度 Tensile strength (Mpa)	ASTM D 2671	≥ 14
断裂伸长率 Elongation at break (%)	ASTM D 2671	>400
纵向收缩率 Longitudinal shrinkable ratio (%)	UL 224	0 ± 5
偏壁率 Eccentricity (%)	ASTM D 2671	<30
热老化断裂伸长率 Heat aging tensile strength ultimate elongation	158°C/168hrs	≥ 300
阻燃率 Flammability	VW-1	Pass
体积电阻率 Volume resistance (Ω.cm)	IEC 93	>10 ¹⁴
铜稳定性 Copper stability	UL 224	Pass

选型尺寸 Product Dimensions:

Normal size (mm)	AS supplied(mm)		After recovered(mm)		Standard Length (m/spool)
	Inside Diameter(Min)	Wall Thickness(Max)	Inside Diameter(Max)	Wall Thickness(Max)	
RDRS-20.0/10.0	20.0	0.325 ± 0.06	10.0	0.65 ± 0.10	50
RDRS-22.0/11.0	22.0	0.325 ± 0.06	11.0	0.65 ± 0.10	50
RDRS-25.0/12.5	25.0	0.35 ± 0.06	12.5	0.70 ± 0.10	25
RDRS-28.0/14.0	28.0	0.40 ± 0.06	14.0	0.80 ± 0.10	25
RDRS-30/15	30.0	0.40 ± 0.06	15.0	0.80 ± 0.10	25
RDRS-35/17.5	35.0	0.425 ± 0.10	17.5	0.85 ± 0.15	25
RDRS-40/20	40.0	0.425 ± 0.10	20.0	0.85 ± 0.15	25
RDRS-50/25	50.0	0.425 ± 0.10	25.0	0.85 ± 0.15	25
RDRS-60/30	60.0	0.45 ± 0.10	30.0	0.90 ± 0.15	25
RDRS-70/35	70.0	0.45 ± 0.10	35.0	0.90 ± 0.15	25
RDRS-80/40	80.0	0.45 ± 0.10	40.0	0.90 ± 0.15	25
RDRS-90/45	90.0	0.50 ± 0.10	45.0	1.00 ± 0.15	25
RDRS-100/50	100.0	0.55 ± 0.10	50.0	1.10 ± 0.15	25
RDRS-120/60	120.0	0.60 ± 0.10	60.0	1.20 ± 0.15	25
RDRS-150/75	150.0	0.65 ± 0.10	75.0	1.30 ± 0.15	25
RDRS-200/100	200.0	0.65 ± 0.10	100.0	1.30 ± 0.15	25
RDRS-230/115	230.0	0.65 ± 0.10	115.0	1.30 ± 0.15	25

低温热缩套管 Thin Wall Heat Shrinkable Tubing (RDRS 3X)

Shrink Ratio 3:1

应用 Application:

With outstanding physical, chemical and electrical property, it widely used for electrical insulation, bundling to prevent corrosion and provide mechanical protection. 3:1 shrink ratio more suitable for application to irregular, awkward shapes.

- High flexible, flame retardant
- Operating temperature: -55°C to +135°C
- Minimum shrink temperature: 70°C
- Minimum fully recovery temperature: 105°C
- Standard color: Black
- Special color: Red, Blue, Yellow, Green, Clear



技术数据 Technical Data:

测试项目 Property	测试方法 Test method	典型数据 Typical data
工作温度 Operating temperature (°C)	UL 224	-50 to +125
抗拉强度 Tensile strength (Mpa)	ASTM D 2671	≥ 14
断裂伸长率 Elongation at break (%)	ASTM D 2671	400
纵向收缩率 Longitudinal shrinkable ratio (%)	UL 224	0 ± 5
偏壁率 Eccentricity (%)	ASTM D 2671	<30
热老化断裂伸长率 Heat aging tensile strength ultimate elongation	158°C/168hrs	≥ 300
阻燃率 Flammability	VW-1	Pass
体积电阻率 Volume resistance (Ω.cm)	IEC 93	>10 ¹⁴
铜稳定性 Copper stability	UL 224	Pass

选型尺寸 Product Dimensions:

Normal size (mm)	Inch	AS supplied(mm)	After recovered(mm)		Standard Length (m/spool)
		Inside Diameter(Min)	Inside Diameter(Max)	Wall Thickness(Min)	
RDRS3X-1.5/0.5	1/16	1.6	0.5	0.45	200
RDRS3X-3.0/1.0	1/8	3.2	1.0	0.55	200
RDRS3X-4.5/1.5	3/16	4.8	1.5	0.60	100
RDRS3X-6.0/2.0	1/4	6.4	2.0	0.65	100
RDRS3X-9.0/3.0	3/8	9.5	3.0	0.75	100
RDRS3X-12.0/4.0	1/2	12.7	4.0	0.80	50
RDRS3X-18.0/6.0	3/4	19.1	6.0	0.90	50
RDRS3X-24.0/8.0	1	25.4	8.0	1.20	50
RDRS3X-39.0/13.0	1 1/2	39.0	13.0	1.25	50
RDRS3X-50.0/17.0	2	51.0	17.0	1.30	50
RDRS3X-60.0/20.0	2 1/2	65.0	20.0	1.35	50

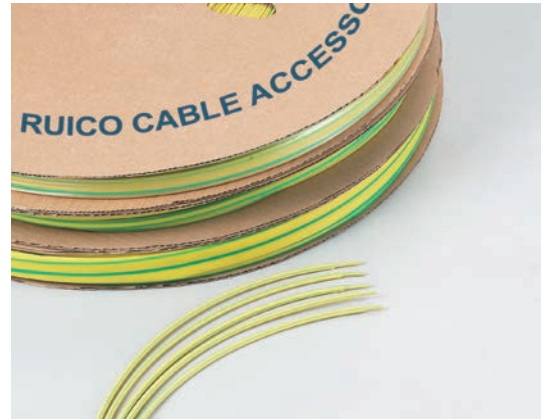
黄绿双色热缩套管 Yellow/Green Heat Shrinkable Tubing (RYG 2X)

Shrink Ratio 2:1

应用 Application:

With outstanding physical, chemical and electrical property, it widely used for electrical insulation, bundling to prevent corrosion and provide mechanical protection. 3:1 shrink ratio more suitable for application to irregular, awkward shapes.

- Very flexible, highly flame retardant (except clear)
- Operating temperature: -55°C to +135°C
- Minimum shrink temperature: 70°C
- Minimum fully recovery temperature: 105°C
- Standard color: Yellow/Green



技术数据 Technical Data:

测试项目 Property	测试方法 Test method	典型数据 Typical data
工作温度 Operating temperature (°C)	UL 224	-50 to +125
抗拉强度 Tensile strength (Mpa)	ASTM D 2671	≥ 14
断裂伸长率 Elongation at break (%)	ASTM D 2671	400
纵向收缩率 Longitudinal shrinkable ratio (%)	UL 224	0 ± 5
偏壁率 Eccentricity (%)	ASTM D 2671	<30
热老化断裂伸长率 Heat aging tensile strength ultimate elongation	158°C/168hrs	≥ 300
阻燃率 Flammability	VW-1	Pass
体积电阻率 Volume resistance (Ω.cm)	IEC 93	>10 ¹⁴
铜稳定性 Copper stability	UL 224	Pass

选型尺寸 Product Dimensions:

Normal size (mm)	AS supplied (mm)		After recovered (mm)		Standard Length (m/spool)
	Inside Diameter (Min)	Inside Diameter (Max)	Wall Thickness (Max)		
RYG-1.0	1.0	0.65	0.28 ± 0.10		200
RYG-1.5	1.5	0.85	0.32 ± 0.10		200
RYG-2.0	2.0	1.00	0.40 ± 0.10		200
RYG-2.5	2.5	1.30	0.40 ± 0.10		200
RYG-3.0	3.0	1.50	0.40 ± 0.10		200
RYG-3.5	3.5	1.80	0.42 ± 0.10		200
RYG-4.0	4.0	2.00	0.45 ± 0.10		200
RYG-5.0	5.0	2.50	0.55 ± 0.10		100
RYG-6.0	6.0	3.00	0.55 ± 0.10		100
RYG-7.0	7.0	3.50	0.55 ± 0.10		100
RYG-8.0	8.0	4.00	0.60 ± 0.10		100
RYG-10	10	5.00	0.60 ± 0.10		100
RYG-12	12	6.00	0.65 ± 0.10		100
RYG-13	13	6.50	0.65 ± 0.10		100
RYG-14	14	7.00	0.70 ± 0.10		100
RYG-15	15	7.50	0.75 ± 0.10		100
RYG-16	16	8.00	0.75 ± 0.10		100
RYG-18	18	9.00	0.80 ± 0.10		100
RYG-20	20	10.00	0.82 ± 0.10		100
RYG-22	22	11.00	0.82 ± 0.10		100
RYG-25	25	12.50	1.00 ± 0.10		50
RYG-28	28	14.00	1.00 ± 0.10		50
RYG-30	30	15.00	1.05 ± 0.10		50
RYG-35	35	17.50	1.15 ± 0.10		50
RYG-40	40	20.00	1.20 ± 0.10		50
RYG-50	50	25.00	1.20 ± 0.10		25
RYG-60	60	30.00	1.50 ± 0.10		25
RYG-70	70	35.00	1.60 ± 0.10		25
RYG-80	80	40.00	1.70 ± 0.10		25
RYG-90	90	45.00	1.90 ± 0.10		25
RYG-100	100	50.00	2.10 ± 0.10		25
-	-	-	-		-

双壁热缩套管 Dual Wall With Adhesive Tubing (RDW 3X RDW 4X)

Shrink Ratio 3:1 & 4:1

应用 Application:

Manufactured by co-extrusion of polyolefin and hot melt adhesive. Designed to provide excellent property of both insulation and sealing. Widely used to protect auto wires, shipping wires, bundle wires and metal tubes against water and moisture.

- Operating temperature: -45°C to +125°C
- Minimum shrink temperature: 80°C
- Minimum fully recovery temperature: 120°C
- Standard color: Black, Gray



技术数据 Technical Data:

测试项目 Property	测试方法 Test method	典型数据 Typical data
抗拉强度 Tensile strength (Mpa)	ASTM D 2671	≥ 10.4
断裂伸长率 Elongation at break (%)	ASTM D 2671	>300
老化后抗拉强度 Tensile strength after aging (158°C/168hrs) (%)	ASTM D 2671	Remains 70
老化后断裂伸长率 Elongation after aging (158°C/168hrs) (%)	ASTM D 2671	>100
径向收缩率 Longitudinal shrinkage (%)	UL 224	0-10
冷弯试验 Cold bend test (-30°C/4hrs)	ASTM D 2671	No cracking
体积电阻率 Volume resistance (Ω.cm)	ASTM D 876	>10 ¹⁴
阻燃率 Flammability	ASE-AMS-DTL-23053/4	Self-extinguish in 30sec
铜稳定性 Copper stability (158°C/168hrs)	UL 224	Pass
吸水性 Water absorption (%)	ASTM D 570	<0.5

选型尺寸 Product Dimensions:

RDW Adhesive-line tubing 3:1

Normal size (mm)	(inch)	AS supplied (mm)	After recovered (mm)		Adhesive Thickness (Nom.)	Standard Length (m/spool)
		Inside Diameter (Min)	Inside Diameter (Max)	Wall Thickness (Max)		
3/1	1/8	3.0	1.0	1.00	0.5	200
4.8/1.5	3/16	4.8	4.5	1.00	0.5	100
6/2	1/4	6.0	2.0	1.00	0.5	100
9/3	3/8	9.0	3.0	1.40	0.6	50
12/4	1/2	12.0	4.0	1.60	0.8	25
19/6	3/4	19.0	6.0	2.15	0.8	25
24/8	1	24.0	8.0	2.40	1.0	25
30/10	1 1/4	30.0	10.0	2.40	1.0	25
40/13	1 1/2	40.0	13.0	2.40	1.0	25
50/19	2	50.0	19.0	2.40	1.0	25

RDW Adhesive-line tubing 4:1

Normal size (mm)	(inch)	AS supplied (mm)	After recovered (mm)		Adhesive Thickness (Nom.)	Standard Length (m/spool)
		Inside Diameter (Min)	Inside Diameter (Max)	Wall Thickness (Max)		
4/1	3/16	4.0	1.0	1.00	0.5	100
6/1.5	1/4	6.0	1.5	1.00	0.5	100
8/2	5/16	8.0	2.0	1.00	0.5	50
12/3	1/2	12.0	3.0	1.40	0.6	25
16/4	5/8	16.0	4.0	1.60	0.8	25
24/6	1	24.0	6.0	2.15	0.8	25
32/8	1 1/4	32.0	8.0	2.40	1.0	25
53/13	2	52.0	13.0	2.40	1.0	-

- Special size, cutting pieces are available on request.
- Halogen free heat shrinkable adhesive-lined tubing is available on request.

热缩型光纤接头保护套

Heat Shrinkable Fiber Optic Splice Protector (RGQT)

应用 Application:

产品包含热缩管、热熔管和不锈钢针三部份，收缩前，透明的外层便于检测光纤接合部位连接是否正确，使光纤能简单安全的进行装配，并提供防护，收缩后可保持光纤的光传输特性，对光纤接合处提供强度和防护。

Made up by crosslinked polyolefin, hot fusion tubing, stainless reinforcing Steel rod, Keep optic transmission properties of optical fiber provide strong protection to avoid any damages to the optical fiber during installation.

特点 Features:

- Crosslinked polyolefin
- Low shrink temperature
- Pre installed stainless steel or ceramic rod
- Accommodates single or ribbon fibers
- Wide range of sizes
- Operating temperature: -45°C to +100°C
- Min. full recovery temp: 120°C
- Standard colors: clear
- Special colors: blue, yellow, green, violet, brown, red
- Packing standard: 100pcs / bag
- We can also pack according to your request



技术数据 Technical Data:

测试项目 Property	测试方法 Test method	性能指标 typical data
拉伸强度 Tensile strength (Mpa)	ASTM D 2671	≥ 18
断裂伸长率 Elongation at break (%)	ASTM D 2671	700
密度 Density (g/cm ³)	ISO 1183	0.94
击穿强度 Dielectric strength (kV/mm)	IEC 243	≥ 20
介电常数 Dielectric constant	IEC 250	≤ 2.5
纵向收缩率 Longitudinal change (%)	ASTM D 2671	0~±5

选型尺寸 Product Dimensions:

型号 Type	接合保护套 splice protector (mm)		热熔管 fusion tube (mm)		钢针 steel rod (mm)	
	外径 O.D	长度 Length	内径 I.D	长度 Length	外径 O.D	长度 Length
RGQT-61	3.0	61	1.40	61	1.5	55
RGQT-45	3.0	45	1.40	45	1.5	40
RGQT-23	3.0	23	1.40	23	1.5	18
RGQT-61T	2.5	61	1.40	61	1.0	57
RGQT-45T	2.5	45	1.40	45	1.0	41
RGQT-40T	2.5	40	1.40	40	1.0	36
RGQT-30T	2.5	30	1.40	30	1.0	26
RGQT-25T	2.5	25	1.40	25	1.0	21

聚乙烯波纹软管 PE Flexible Pipe

应用 Application:

主要用于温度范围在 -30°C~80°C 的环境中；适用于汽车、摩托车和其它机动车电线线束的护套；亦可用于机床机械，电力设备，食品机械，自动化设备，电机马达，保护电缆电线不受外力磨损及绝缘。

- 产品材质：PE 聚乙烯（polyethylene）
- 结构：内部和外部均为波浪型
- 颜色：黑色，其它颜色可定制（根据需要可开口）
- 特性：柔韧性好，表面有光泽，耐化学腐蚀

选型尺寸 Product Dimensions:

软管规格 (AD)	内径 × 外径 (mm)	弯曲半径 (mm)	包装单位 (m)
AD10.0	6.5 × 10.0	16	200
AD13.0	10.0 × 13.0	20	100
AD15.8	12.0 × 15.8	30	100
AD18.5	14.3 × 18.5	40	100
AD21.2	17.0 × 21.2	45	100
AD25.0	20.0 × 25.0	45	100
AD28.5	23.0 × 28.5	50	50
AD34.5	29.0 × 34.5	60	50
AD42.5	36.0 × 42.5	70	50
AD54.5	48.0 × 54.5	90	25



特殊包装热缩套管

Heat Shrinkable Tubing

小包装精装盒 Thin wall heat shrinkable tubing

型号 Type	尺寸 Size (Inch)	包装 M/box	颜色 Color
RDRS-A- 2/1	1/16	20Mtr	Black
RDRS-A- 2.5/1.25	3/32	20Mtr	Red
RDRS-A- 3.5/1.75	1/8	20Mtr	Red
RDRS-A- 5/2.5	3/16	20Mtr	Black
RDRS-A- 7/3.5	1/4	10Mtr	Green
RDRS-A- 10/5	3/8	10Mtr	Blue
RDRS-A- 13/6.5	1/2	5Mtr	White
RDRS-A- 16/8	5/8	5Mtr	Yellow
RDRS-A- 20/10	3/4	5Mtr	Black
RDRS-A- 25/12.5	1	5Mtr	Black



塑料盒小包装 Thin wall heat shrinkable tubing L=150mm

型号 Type	尺寸 Size (Inch)	包装 Pc/box	颜色 Color
RDRS-B- 2/1	1/16	40	Black
RDRS-B- 2.5/1.25	3/32	40	Red
RDRS-B- 3.5/1.75	1/8	20	Yellow
RDRS-B- 5/2.5	3/16	20	Black
RDRS-B- 7/3.5	1/4	16	Green
RDRS-B- 10/5	3/8	16	Blue
RDRS-B- 13/6.5	1/2	8	White



压塑盒小包装 Thin wall heat shrinkable tubing

型号 Type	尺寸 Size (Inch)	包装 Ft / spool	颜色 Color
RDRS-C- 3/1.5	1/8	25	Black
RDRS-C- 4/2	3/16	25	Black
RDRS-C- 6/3	1/4	15	Black
RDRS-C- 9/4.5	3/8	10	Black
RDRS-C- 13/6.5	1/2	10	Black



尼龙袋小包装 Dual wall heat shrinkable tubing with adhesive

型号 Type	尺寸 Size (Inch)	包装 Pc/bag	颜色 Color
RDW-A- 6.4/2.4	1/4	14	Black
RDW-A- 9.5/3.2	3/8	12	Black
RDW-A- 12.7/4.8	1/2	10	Black
RDW-A- 19.1/6.4	3/4	5	Black



模压件

Section E

Moulded Parts



防水接线盒

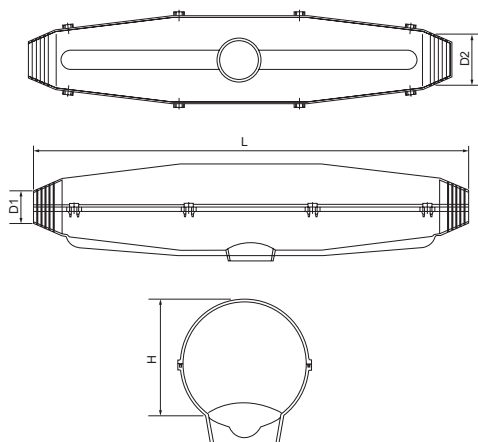
Cast Resin Straight Through Joint (RCRJ)

Application:

Resin filled straight joint for cable with XLPE, PVC EPR.

PUR cast resin technology was especially developed to seal and protect power, signal and telephone cable. This new generation of two component cast resin has been developed for the most demanding environments and circumstances, assuring only the highest quality. Quick setting properties in humid or even cold conditions make it a fast and reliable solution.

- Be suitable for low voltage cable
- Adopt the filled of resins-pour install simply conveniently and express
- Sup excellent effect water proof. alkali-resistant
- Thin-fluid after mixing excellent adhesive strength on metal and synthetic material
- Resistant against UV-rays and chemical influences
- Cast Moulds made of robust and high-quality transparent synthetic material
- The cast resin will be delivered in a transparent mixing bag after removing the protective bag and the separator the 2 components flow together and must be mixed for about 3~4 minutes before filling into the mould cast joint.



Kit contents:

- Mould
- Connector spacer
- 2 component PUR resin
- PVC tape
- Abrasive strip
- PE glove
- Installation instructions
- Funnel

Product Dimensions:

Type	Cable size (mm ²)	L(mm)	H(mm)	D1(mm)	D2(mm)
RCRJ-1	4 × 1.5-16	200	36	6	28
RCRJ-2	4 × 25-50	350	55	20	38
RCRJ-3	4 × 70-95	400	75	26	44
RCRJ-4	4 × 120-185	530	110	35	60

热缩电缆封帽

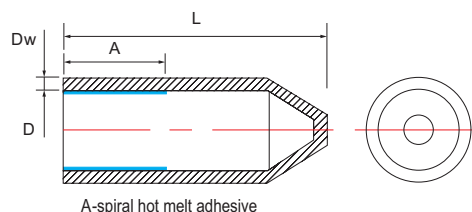
Heat Shrinkable Cable End Caps (REC)

应用 Application:

热缩封帽适用于电力电缆或通信电缆的末端防水，绝缘和防护处理。端口涂有高性能的热熔胶，加热时封帽可以收缩，同时胶水融化，紧密的粘接在电缆等的表层，起到优秀的防水、绝缘和防护效果。

REC offers an economical means of sealing the end of power cable with a 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. REC is recommended for application both in open air and on underground power distribution cables with PVC, Lead or XLPE sheaths.

- Effectively offering protection against oxidation, ozone, UV-radiation etc.
- Coated with hot melt adhesive to ensure environment seal
- Easily to fit into the cable end
- Minimum fully shrink temperature: 120°C



技术数据 Technical Data:

测试项目 Property	测试方法 Test method	典型数据 Typical data
工作温度 Operating temperature (°C)	IEC 216	-55 to +110
抗拉强度 Tensile strength (Mpa)	ASTM D 638	≥ 14
断裂伸长率 Elongation at break (%)	ASTM D 638	400
密度 Density (g/cm ³)	ASTM D 792	1.05
老化后断裂伸长率 Elongation at break after aging (%)	150°C/168hrs	300
击穿强度 Dielectric strength (kV/mm)	IEC 243	15
体积电阻率 Volume resistance (Ω.cm)	IEC 93	>10 ¹⁴

选型尺寸 Product Dimensions:

Normal size (mm)	AS supplied(mm)					Cable diameter (mm)
	D(Min)	D(Max.)	A(10%)	L(10%)	Dw(5%)	
REC-12/4	12	4.0	15	40	2.2	4-10
REC-14/5	14	5.0	18	45	2.2	5-12
REC-20/6	20	6.0	25	55	2.8	6-16
REC-25/8.5	25	8.5	30	68	2.8	10-20
REC-35/16	35	16.0	35	83	3.3	17-30
REC-40/15	40	15.0	40	83	3.3	18-32
REC-55/26	55	26.0	50	103	3.5	28-48
REC-75/36	75	36.0	55	120	4.0	45-68
REC-100/52	100	52.0	70	140	4.0	55-90
REC-120/60	120	60.0	70	150	4.0	65-110
REC-160/82	160	82.0	70	150	4.0	90-150

热缩防污雨裙

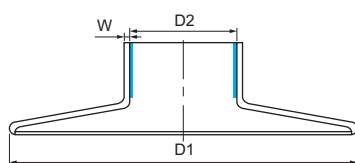
Heat Shrinkable Rain Shed (RSD)

应用 Application:

提高整个系统的抗污闪能力，可增大爬电距离，适用于电缆附件及其它电力设备。

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 maximum operation reliability. Used to provide insulation protection for cable outdoor.

- Minimum fully shrink temperature: 110°C



技术数据 Technical Data:

测试项目 Property	测试方法 Test method	典型数据 Typical data
抗拉强度 Tensile strength (Mpa)	ASTM D 2671	≥ 13
断裂伸长率 Elongation at break (%)	ASTM D 2671	400
老化后抗拉强度 Tensile strength after aging (120°C/168hrs) (Mpa)	ASTM D 2671	10.4
老化后断裂伸长率 Elongation at break after aging (120°C/168hrs) (%)	ASTM D 2671	350
击穿强度 Dielectric strength (kV/mm)	ASTM D 2671	15
介电常数 Electric constant (ε)	IEC250	3.0
体积电阻率 Volume resistance (Ω.cm)	ASTM D 2303	>10 ¹⁴
氧指数 Flammability (Oxygen index)	IEC 93	25
铜腐蚀性 Copper corrosion (120°C/168hrs)	ASTM D 2671	No corrosion

选型尺寸 Product Dimensions:

Name	Normal size (mm)	AS supplied(mm) D2(mm)	After recovered(mm) D2(mm)	D1(mm)	Wall thickness (mm)± 10%	Color
单孔 Single hole	RSD-30/12	30	12	100	3	Red Purple Black
	RSD-35/12	35	12	100	3	
	RSD-40/18	40	18	115	3	
	RSD-50/18	50	18	115	3	
	RSD-60/25	60	25	130	3	
	RSD-70/25	70	25	130	3	
	RSD-130/50	130	50	200	3.2	Red
	RSD-160/70	160	70	250	3.2	
	RSD-200/80	200	80	320	3.2	
	RSD-240/110	240	110	360	4.2	
	RSD-300/150	300	150	420	4.2	
	RSD-380/150	380	150	450	4.2	
	RSD-450/200	450	200	550	4.2	
	RSD3-35/12	35	12	130	3	Red
三孔 Three holes	RSD3-50/20	50	20	150	3	

热缩指套

Heat Shrinkable Breakout (RBK)

应用 Application:

适用于电缆线芯分支处的绝缘及隔油密封保护。

It is used in the branch of cable core for insulation and oil separation sealing protection.



技术数据 Technical Data:

测试项目 Property	测试方法 Test method	典型数据 Typical data
抗拉强度 Tensile strength (Mpa)	ASTM D 2671	≥ 13
断裂伸长率 Elongation at break (%)	ASTM D 2671	300
老化后抗拉强度 Tensile strength after aging (120°C/168hrs) (Mpa)	ASTM D 2671	10
老化后断裂伸长率 Elongation at break after aging (120°C/168hrs) (%)	ASTM D 2671	250
击穿强度 Dielectric strength (kV/mm)	ASTM D 2671	15
介电常数 Electric constant (ε)	IEC250	3.0
体积电阻率 Volume resistance (Ω.cm)	ASTM D 2303	>10 ¹³
氧指数 Flammability (Oxygen index)	IEC 93	25
铜腐蚀性 Copper corrosion (120°C/168hrs)	ASTM D 2671	No corrosion
吸水率 Water absorption (%)	ISO 62	1(max)

选型尺寸 Product Dimensions:

型号规格 Specification	收缩前 AS supplied (mm)						收缩后 After recovered (mm)					
	支部 Branch			基部 Root			支部 Branch			基部 Root		
	内径 I.D.	壁厚 Wall thickness	长度 Length	内径 I.D.	壁厚 Wall thickness	长度 Length	内径 I.D.	壁厚 Wall thickness	长度 Length	内径 I.D.	壁厚 Wall thickness	长度 Length
2ZT1-41/18	≥ 18	1.2	42	≥ 41	2.2	65	≤ 5.3	2.3±0.3	45	≤ 19	2.4±0.3	68
2ZT2-56/22	≥ 22	1.4	44	≥ 56	2.3	78	≤ 8.5	2.3±0.3	47	≤ 24	2.5±0.3	81
2ZT3-68/27	≥ 27	1.7	50	≥ 68	2.7	95	≤ 14	2.6±0.3	53	≤ 38	3.2±0.3	98
3ZT00-42/16	≥ 16	1.8	50	≥ 42	2.0	75	≤ 5.5	2.6±0.3	53	≤ 20	3.2±0.3	78
3ZT0-50/24	≥ 24	2.0	50	≥ 50	2.1	100	≤ 8.0	3.2±0.3	53	≤ 25	3.5±0.3	103
3ZT1-75/32	≥ 32	2.1	68	≥ 75	2.5	122	≤ 10	3.4±0.3	71	≤ 35	4.0±0.3	125
3ZT2-85/40	≥ 40	2.2	75	≥ 85	2.8	125	≤ 15	3.5±0.3	78	≤ 41	4.2±0.3	128
3ZT3-110/48	≥ 48	2.3	80	≥ 110	2.8	125	≤ 17	3.7±0.3	83	≤ 50	4.2±0.3	128
3ZT4-120/55	≥ 55	2.7	80	≥ 120	3.0	135	≤ 22	4.3±0.3	83	≤ 55	4.3±0.3	138
4ZT0-32/11	≥ 11	2.0	42	≥ 32	2.5	90	≤ 5.0	2.4±0.3	45	≤ 16	3.0±0.3	93
4ZT1-45/16	≥ 16	2.1	55	≥ 45	2.6	95	≤ 6.0	2.8±0.3	58	≤ 20	3.5±0.3	98
4ZT2-60/25	≥ 25	2.2	63	≥ 60	2.7	110	≤ 8.0	3.6±0.3	66	≤ 27	3.6±0.3	113
4ZT3-70/30	≥ 30	2.2	73	≥ 70	2.8	120	≤ 11	3.6±0.3	76	≤ 33	3.6±0.3	123
4ZT4-85/37	≥ 37	2.2	75	≥ 85	2.7	125	≤ 12	3.6±0.3	78	≤ 39	3.7±0.3	128
5ZT0-32/11	≥ 12	1.7	40	≥ 38	2.4	75	≤ 4.0	2.8±0.3	43	≤ 18	3.2±0.3	78
5ZT1-45/16	≥ 15	2.2	75	≥ 53	2.5	90	≤ 6.0	3.4±0.3	78	≤ 25	3.4±0.3	93
5ZT2-60/25	≥ 26	2.3	80	≥ 80	2.5	100	≤ 9.0	3.4±0.3	83	≤ 38	3.4±0.3	103
5ZT3-70/30	≥ 30	2.3	75	≥ 92	2.5	105	≤ 12	3.5±0.3	78	≤ 42	3.6±0.3	108

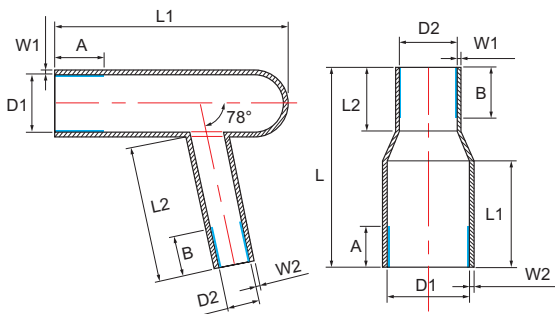
热缩绝缘靴 (直角和弯角)

Heat Shrinkable Right Angle / Straight Cable Boot (RHMR)

应用 Application:

Made from radiation cross-linked polyolefin, the specially designed formulation makes the boots with excellent performance of electrical insulating, anti-tracking, UV resistant, weather proof and flame retardant. It can be safely used in protecting cable end up to 36kV against flashover, or surges induce during working life in switch gear and transformer boxes.

- Minimum shrink temperature: 110°C
- Standard color: Red



Anti-track red mastic A-50mm B-25mm

技术数据 Technical Data:

测试项目 Property	测试方法 Test method	典型数据 Typical data
抗拉强度 Tensile strength (Mpa)	ASTM D 2671	≥ 12
断裂伸长率 Elongation at break (%)	ASTM D 2671	≥ 300
老化后抗拉强度 Tensile strength after aging (120°C/168hrs) (Mpa)	ASTM D 2671	≥ 8.5
老化后断裂伸长率 Elongation at break after aging (120°C/168hrs) (%)	ASTM D 2671	≥ 200
击穿强度 Dielectric strength (kV/mm)	IEC 243	≥ 15
体积电阻率 Volume resistance (Ω.cm)	IEC 93	>10 ¹³
吸水率 Water absorption (%)	ISO 62	1(max)
氧指数 Flammability (Oxygen index)	IEC 93	≥ 25

选型尺寸 Product Dimensions:

Type	Order Ref. Number	AS supplied(mm)		After recovered(mm)						
		D1(Min)	D2(Min)	D1(Max)	D1(Max)	L1(±10%)	L2(10%)	L(10%)	W1(10%)	W2(10%)
Right angle	RHMR-1(80/36-35/18)	80	35	36	18	170	125	-	4.2	3.5
	RHMR-2(80/36-50/18)	80	50	36	18	170	125	-	3.8	3.5
	RHMR-3(95/38-70/28)	95	70	38	28	160	140	-	4.2	4.8
Straight	RHMR-4(80/35-34/20)	80	34	35	20	145	30	220	3.2	3.2
	RHMR-5(80/35-58/20)	80	58	35	20	145	30	220	3.2	3.2

硅橡胶保护套

Silicon Rubber Busing Boot Up to 17.5kV (RCAB)

Features:

- Tool free application
- High-performance insulation material
- Excellent track and erosion resistance
- Removable and reinstallable

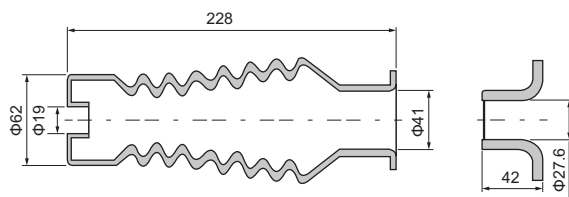
Benefits:

- Simple and easy installation
- Unlimited shelf life
- Connection can be energised immediately after installation
- One product for inline and right angle application

RCAB elastomeric insulating boots are moulded parts which fit over the connection between the cable lug and the inline or right-angled equipment bushing to improve phase-to-phase and phase-to-ground insulation. They are used in switchgear and transformer cable boxes where the air clearances are insufficient for normal operation, or to protect against flashover due to rodents or high humidity.

The non-tracking elastomeric housing has excellent erosion resistance, dielectric properties and environmental resistance, giving superb performance in areas of high humidity and electrical stress

RCAB boots are quick and easy to install and do not require any taping of the bushing or the termination. The boot can easily be removed and reinstalled without the need for additional material or tooling, allowing access to the bushing connection for test purposes.



Technical Data:

Performance	Typical data
Max. system voltage (kV)	17.5
Continuous current (A)	250/630
Impulse withstand (kV)	95
Adaptor	No/Yes
Bushing diameter (mm)	31-45
Bushing type (A)	250
Cable cross section (mm ²)	35-400



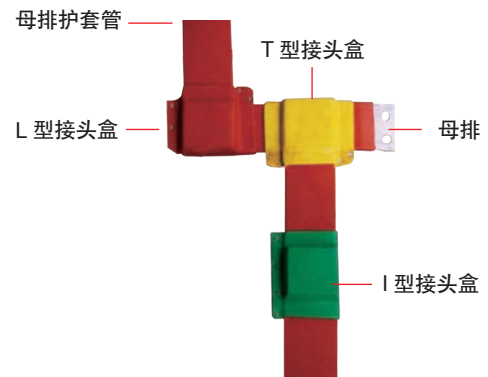
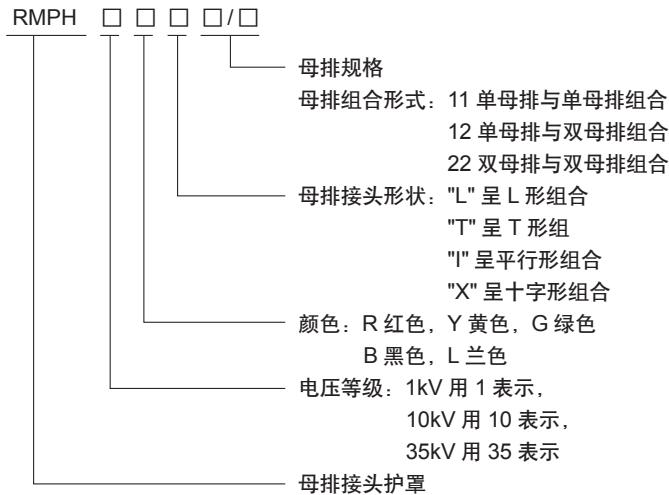
母排接头保护盒 (RMPH)

Insulation Protection of Bus Bar Joint

特点 Features:

RMPH 系列护罩是良好的电气绝缘、防水密封安全防护产品，具有安装方便、环境适应性极好、使用寿命长等特点。主要应用于电厂、变电站中母排接合处的绝缘保护用安全防护。杜绝异物搭接、动物爬行引起的短路事故，防止人身触电、污染及凝露闪络现象发生，减少空气对导电材料的腐蚀，延长电器设备的使用寿命。

产品型号及含义 Product Model and Meaning:



技术数据 Technical Data:

测试项目 Property	测试方法 Test method	典型数据 Typical data
硬度 (邵氏 A) Shore A hardness	-	<85
抗拉强度 Tensile strength (Mpa)	ASTM D 2671	>12
断裂伸长率 Elongation at break (%)	ASTM D 2671	>300
体积电阻率 Volume resistance (Ω.cm)	IEC 93	>1×10 ¹⁴
击穿强度 Breakdown strength (kV/mm)	IEC 243	≥ 20
吸水率 Water absorption (%)	ISO 62	≤ 0.1
阻燃率 Flammability	VW-1	Pass
工作温度 Operating temperature (°C)	IEC 216	-50~+125

选型尺寸 Product Dimensions:

型号 Type	规格 (mm)	适用母排规格 (宽 × 厚 mm)	备注
RMPH-R-L22	100 × 10/100 × 10	100 × 10, 100 × 10	红色: 接头呈 L 100 × 10 双母排与 100 × 10 双母排搭档
RMPH-Y-T12	100 × 10/80 × 10	100 × 10, 80 × 10	红色: 接头呈 T 100 × 10 单母排与 80 × 10 双母排搭档
RMPH-G-I11	120 × 10/120 × 10	120 × 10, 120 × 10	红色: 接头呈 I 120 × 10 单母排与 100 × 10 单母排搭档
RMPH-R-X22	100 × 10/100 × 10	100 × 10, 100 × 10	红色: 接头呈 X 100 × 10 双母排与 100 × 10 双母排搭档

本公司可为用户提供各种热缩母排接头护罩，因母排接头组合形式繁多，订货时务必说明母排规格和组合形式。

RQJT

欧式 630A 前接头

产品特点：

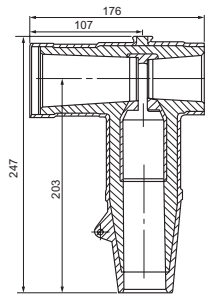
屏蔽 630A 欧式接头产品，直接和开关柜的进出线套管，电缆分支箱的穿墙套管连接，为开关柜和电缆分支箱提供全绝缘的安全线路。可长期在水下和其他恶劣条件下运行。尾部可直接用绝缘塞封堵，也可扩展连接后接头或避雷器。适用于 15kV 电缆截面为 35-400mm² 的交联聚乙烯电缆。

标准包装部件：

- 前接头本体 - 接地导线 - 接线端子 - 硅脂膏 - 绝缘塞(含半导体封盖)
- 清洁纸 - 应力锥 - 绝缘自粘带、半导体带、PVC 胶带 - 双头螺杆
- 安装标识卡、作业指导书、产品合格证 - 防尘帽（非带电保护）

主要技术数据：

项目	参数
工频湿耐受电压 (kV/1min)	42
工频干耐受电压 (kV/1min)	42
工频长时间耐受耐压 (kV/4h)	35
冲击电压 (± 10 次) (kV)	105
直流耐压 (kV/15min)	52
局部放电 (kV)	19, ≤ 2pc



RHJT

欧式 630A 后接头

产品特点：

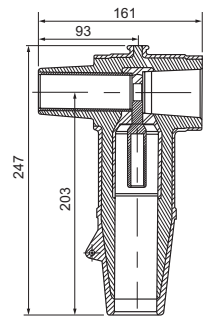
630 欧式后接头产品与 630 前接头产品配合使用，提供 630A 线路的分支，它不能直接和套管等产品相连，其尾部可用绝缘塞封堵，也可扩展连接另一路欧式后接头活接避雷器。

标准包装部件：

- 后接头本体 - 接地导线 - 接线端子 - B 型连接铜棒 - 硅脂膏
- 绝缘塞(含半导体封盖) - 清洁纸 - 应力锥
- 绝缘自粘带、半导体带、PVC 胶带 - 双头螺杆
- 安装标识卡、作业指导书、产品合格证 - 防尘帽（非带电保护）

主要技术数据：

项目	参数
额定电压 (kV)	15
额定电流 (A)	630
1 分钟工频耐压 (kV)	42
雷电冲击耐压 (kV)	95
直流耐压 (kV)	52/15min
最低电晕起始电压 (kV)	11



RJYM-15 / 630A

绝缘帽

产品特点：

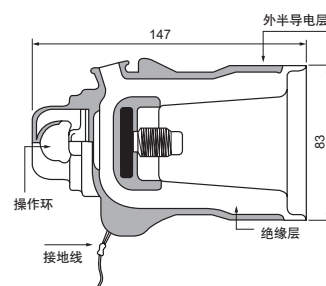
15kV/630A 绝缘帽是带电套管的附属配件，为带电套管提供线路预留绝缘封套保护，对不带电接口提供防尘、防潮封套。630A 绝缘帽可以安装在套管和母排等设备上，当电缆接线线路有预留用接口时，必须用绝缘帽将其封堵。该产品采用进口高品质硅橡胶制成，为全绝缘、全密封，安全可靠。

标准包装部件：

- 绝缘帽本体 - 清洁纸 - 硅脂膏 - 作业指导书

主要技术数据：

项目	参数
额定电压 (kV)	8.7/15(17.5)
额定电流 (A)	630
工频耐压 (kV/1min)	42
冲击电压 (± 10 次) (kV)	95
直流耐压 (kV/15min)	52



RDJTG-15 / 630A

对接套管

产品特点：

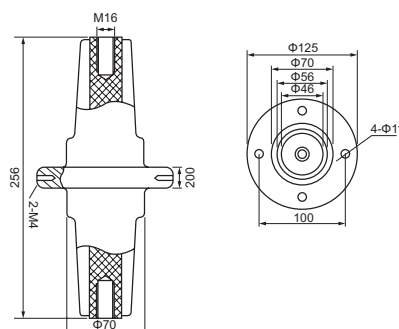
15kV-630A 对接套管主要用于欧式电缆分接箱、环网开关柜，为欧式 630A 前 / 后接头提供线路接口，可连接带电指示器，显示母线电路带电状态。产品本体采用高品质环氧树脂材料，具有良好的机械性能和电气性能。

标准包装部件：

- 对接套管本体 - 清洁纸 - 硅脂膏 - 作业指导书
- 防尘帽 (非带电保护)

主要技术数据：

项目	参数
额定电压 (kV)	8.7/15(17.5)
额定电流 (A)	630
工频耐压 (kV/1min)	42
冲击电压 (± 10 次) (kV)	95
直流耐压 (kV/15min)	52
最低电晕起始电压 (kV)	11
24h 过负荷 (A)	1000
短时耐受电流 (kV/s)	25kV/0.17s 10kV/3s



RJCTG-15/630A

加长套管

产品特点：

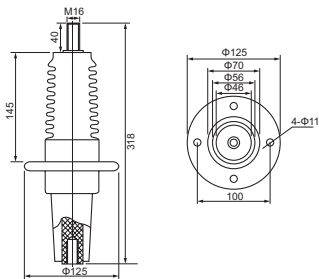
630A 一体式加长套管为欧式接头产品提供接口，产品主要用于 SF6 负荷开关分支箱上，与欧式前后接头等产品连接。产品本体采用高品质环氧树脂材料制成，独特的伞裙结构设计增加了爬电距离，提高了设备的电气性能和机械性能，使电气安全性大为提高。

标准包装部件：

- 加长套管本体 - 清洁纸 - 硅脂膏 - 作业指导书
- 防尘帽（非带电保护）

主要技术数据：

项目	参数
额定电压 (kV)	8.7/15(17.5)
额定电流 (A)	630
工频耐压 (kV/1min)	42
冲击电压 (±10 次) (kV)	95
直流耐压 (kV/15min)	52
最低电晕起始电压 (kV)	11
24h 过负荷 (A)	1000
短时耐受电流 (kV/s)	25/0.17 10/3



RHDJT-15 / 630A

H/h 型对接套管

产品特点：

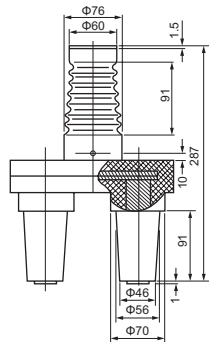
15kV-630A 欧式 H 型，小 H 型对接套管，主要用于欧式电缆分支箱和环网柜上，为欧式前 / 后接头提供接口，产品本体采用高品质环氧树脂材料，具有良好的机械性能和电气性能。

标准包装部件：

- H/h 型对接套管本体 - 清洁纸 - 硅脂膏 - 作业指导书
- 防尘帽（非带电保护）

主要技术数据：

项目	参数
额定电压 (kV)	8.7/15(17.5)
额定电流 (A)	630
工频耐压 (kV/1min)	42
冲击电压 (±10 次) (kV)	95
直流耐压 (kV/15min)	52
最低电晕起始电压 (kV)	11
24h 过负荷 (A)	1000
短时耐受电流 (kV/s)	25/0.17 10/3



RBLQ-17/45

欧式后接避雷器

产品特点：

欧式后接避雷器，为电气设备提供可靠的过电压保护。其核心元件采用氧化锌电阻片，与传统的碳化硅避雷器相比大大改善了电阻片的伏安特性，提高了过电压保护能力。

标准包装部件：

- 避雷器本体
- 清洁纸
- 硅脂膏
- 作业指导书
- 防尘帽（非带电保护）
- 导电杆组件

主要技术数据：

项目	参数
额定电压 (kV)	8.7/15(17.5)
冲击电压 (±10 次) (kV)	≤ 45
直流 1 mA 下参考电压 (kV)	$25 \leq U_1 \text{ mA} \cdot \text{DC} \leq 27.2$
0.75U ₁ mA 下直流漏电流 (μA)	≤ 50
2ms 方波冲击容量 (A)	150/18 次
绝缘外套工频电压 (kV)	54
持续运行电压 (kV)	13.5



RZT-15 / 200A

美式肘型接头 Elbow

产品特点：

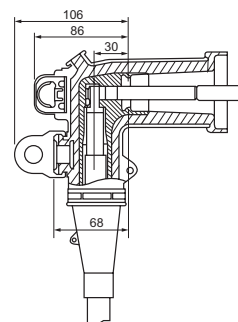
屏蔽肘型电缆插拔产品，采用进口高品质硅橡胶，经三层复合注射硫化成形，产品具有全绝缘、全密封、可带电触摸等特点，并具有耐高低温，抗氧化性能，憎水性强以及绝缘性能高等优势的一种插拔型电缆连接产品。广泛应用于户外配电变压器、美式箱变、环网柜、电缆分支箱及其它电气设备的连接。安装在 200A 母排上及美式箱变的单通套管接头和负荷接头等，测试点可安装带电显示器或故障指示器，以便查询设备带电状态和故障状态。适用于各地区电力电缆配网系统中电缆化工程设备，适用于 15kV 电缆截面为 35-120mm² 的交联电缆。

标准包装部件：

- 肘型电缆头
- 清洁纸
- 测试点盖
- 硅脂膏
- 接线端子
- 消弧插拔头
- 接地线
- 刀型扳手
- 作业指导书

主要技术数据：

项目	参数
额定电压	8.7/15(17.5)
额定电流 (A)	630A
工频耐压 (kV/1min)	42
冲击电压 (±10 次) (kV)	95
直流耐压 (kV/15min)	52
最低电晕起始电压 (kV)	11



电力设备绝缘护罩

Insulated Protection of Power Equipment

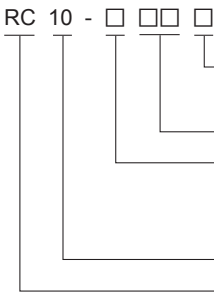
应用 Application:

电力设备绝缘护罩是变压器、避雷器、户外开关等电力设备接线端头必须配用的绝缘安全防护产品，该产品能有效防止原来裸露在外的电力设备接线端头由于各种原因（人为接触、窃电、小动物或杂物搭触，湿闪盐雾及化学气体腐蚀等）所造成的停电和触电事故，从而避免由此带来的巨大经济损失，是国家推广的新产品。

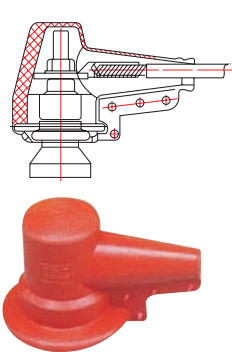
Insulated protection for power equipment is the essential installed product of the power equipment connect terminate of the transformer and lightning arrester and the outside switchgear. It is the new product recommended by the nation. It is effective to protect the original bare power equipment connect terminate from the power turnoff and electric shock, which is caused by the reasons such as personal contact, stolen power, small animal or other things contact, moist flash salt fog and chemical corruption. As so big economic damage can be avoided.



产品型号及含义：



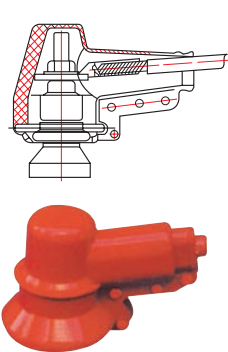
绝缘护罩结构 (A,B,C 分别表示横向、斜向、竖向)
The structure of the insulated protect (A,B,C represents respectively the lateral, the leaned, and the normal)
设计序号 Design code
绝缘护罩形式 (D- 端子型, S- 线夹型, M- 母排型, G- 油变线夹型, DB- 避雷器型, DL- 跌落式型, GL- 隔离开关型)
The type of the insulated protection (D-terminal, S-wire clip, M-busbar, G-oil-immersed transformer wire clip, DB-lightning arrester, DL-drop into type, GL-insulation switch)
电压等级 (10kV) Voltage
电力设备绝缘护罩 Insulated protection for power equipment



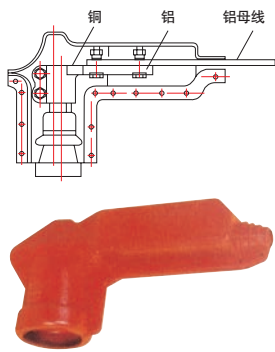
DB01



DB02



DB04



M01

产品选型 Product Selection:

订货代号 Order code	配用金具名称 Name of the assembled fitting	型号 Mode	接线方式 Connecting type	导线数 Number of the conductor
DB01	氧化锌避雷器 Zinc oxide lightning arrester	RC 10-DB01A	横 the lateral	1 根 One piece
DB02	氧化锌避雷器 Zinc oxide lightning arrester	RC 10-DB02C	竖 the normal	1 根 One piece
DB04	氧化锌避雷器 Zinc oxide lightning arrester	RC 10-DB04B	斜 the lenaed	1 根 One piece
M01	铜铝排 Bus-bar	RC 10-M01A	横 the lateral	1 根 One piece

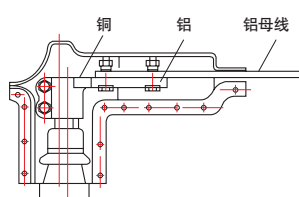
电力设备绝缘护罩

Insulated Protection of Power Equipment

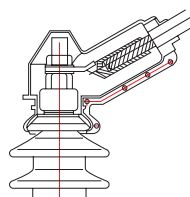
Section

E

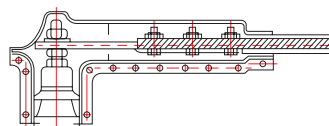
模压件 Moulded Parts



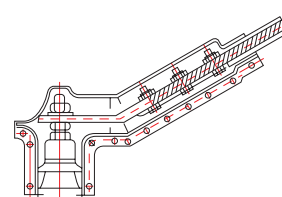
S01



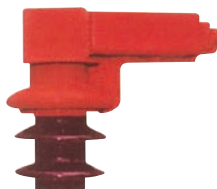
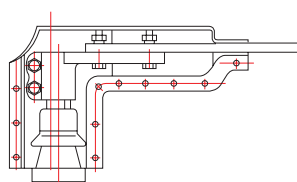
S02



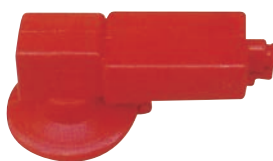
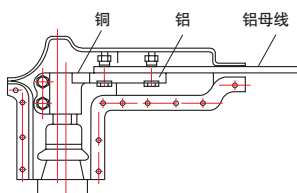
S03



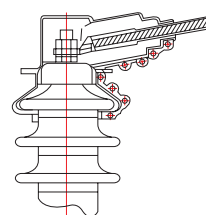
S04



S05



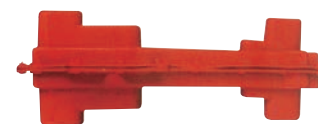
S07



S08



GL9-1



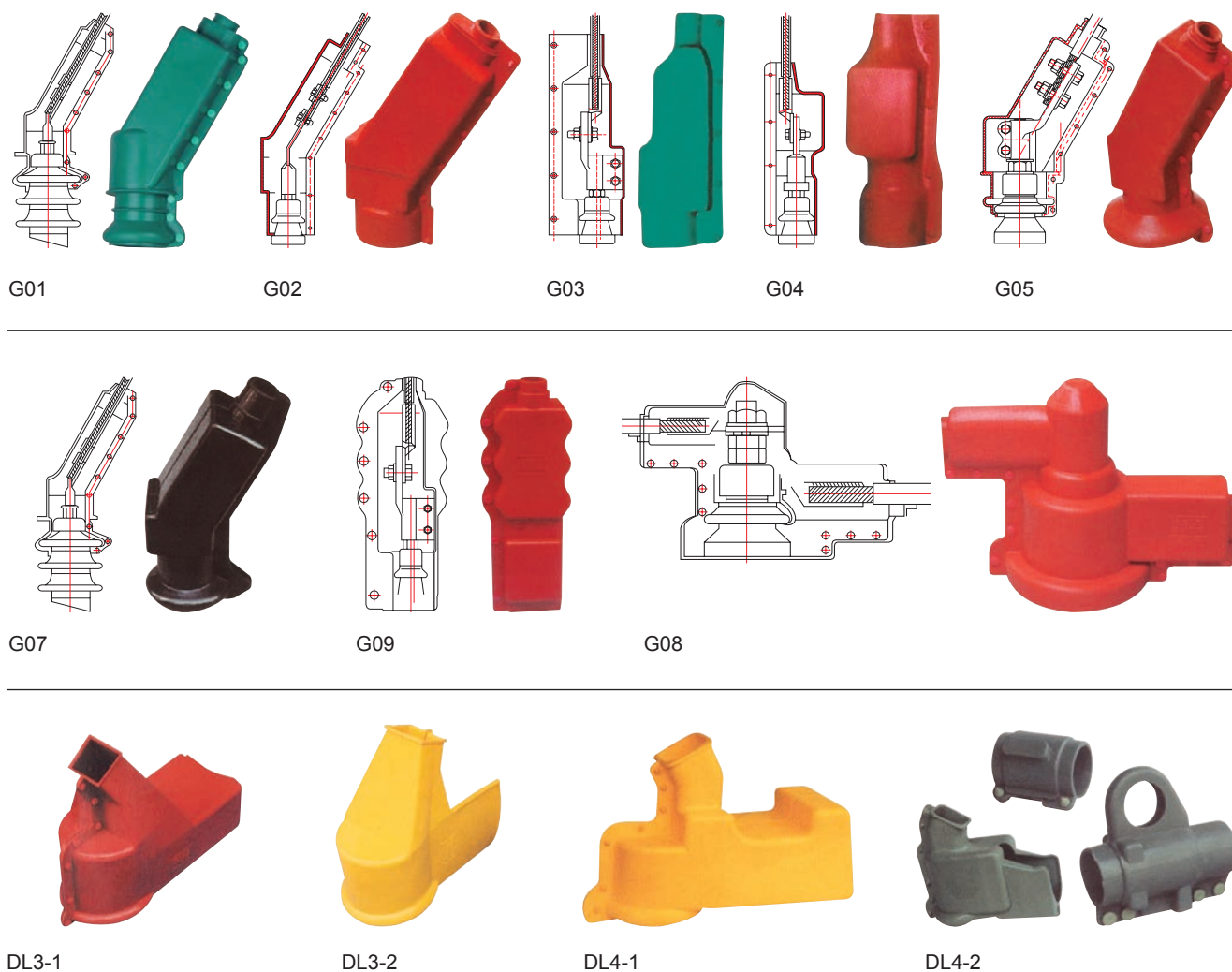
GL9-2

产品选型 Product Selection:

订货代号 Order code	配用金具名称 Name of the assembled fitting	型号 Mode	接线方式 Connecting type	导线数 Number of the conductor
S01	1,2 号设备线夹 0° No.1,2 equipment clip 0°	RC 10-S01A	横 the lateral	$1 \times 35^2 \sim 240^2$
S02	1,2 号设备线夹 30° No.1,2 equipment clip 30°	RC 10-S02B	斜 the lenaed	$1 \times 35^2 \sim 240^2$
S03	3,4 号设备线夹 0° No.3,4 equipment clip 0°	RC 10-S03A	横 the lateral	$1 \times 35^2 \sim 240^2$
S04	3,4 号设备线夹 30° No.3,4 equipment clip 30°	RC 10-S04B	斜 the lenaed	$1 \times 35^2 \sim 240^2$
S05	3,4 号设备线夹 0° No.3,4 equipment clip 0°	RC 10-S05A	横 the lateral	$1 \times 35^2 \sim 240^2$
S07	3,4 号设备线夹 0° No.3,4 equipment clip 0°	RC 10-S07A	横 the lateral	$1 \times 35^2 \sim 240^2$
S08	3,4 号设备线夹 30° No.3,4 equipment clip 30°	RC 10-S08B	斜 the lenaed	$1 \times 35^2 \sim 240^2$
GL9-1	隔离开关 Insulated switch	RC 10-GL9-1A	横 the lateral	$1 \times 35^2 \sim 240^2$
GL9-2	隔离开关 Insulated switch	RC 10-GL9-2A	横 the lateral	$1 \times 35^2 \sim 240^2$

电力设备绝缘护罩

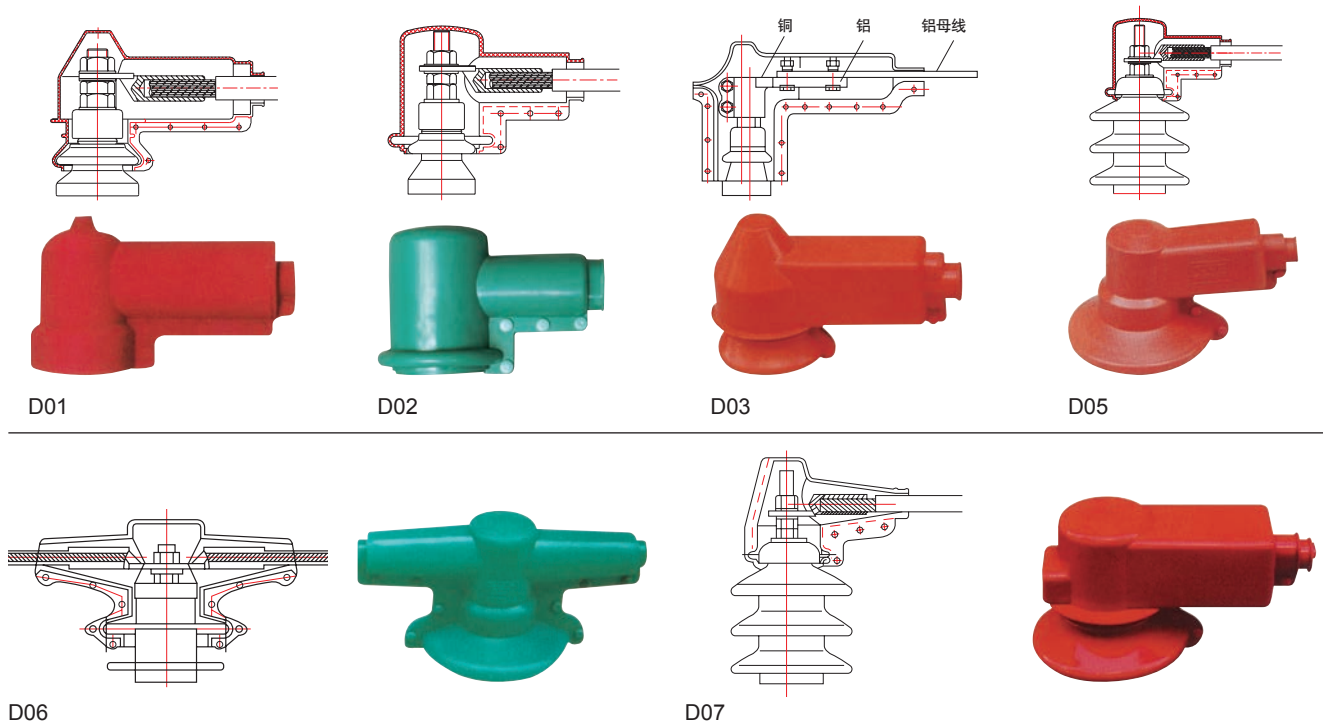
Insulated Protection of Power Equipment



产品选型 Product Selection:

订货代号 Order code	配用金具名称 Name of the assembled fitting	型号 Mode	接线方式 Connecting type	导线数 Number of the conductor
G01	3,4 号设备线夹 90° No.3,4 equipment clip 90°	RC 10-G01B	斜 the lenaed	1×35 ² ~240 ²
G02	3,4 号设备线夹 90° No.3,4 equipment clip 90°	RC 10-G02B	斜 the lenaed	1×35 ² ~240 ²
G03	单孔油变线夹 0° Oil-immersed transformer clip of the hole 0°	RC 10-G03C	竖 the normal	1×35 ² ~240 ²
G04	闭口油变线夹 Oil-immersed transformer clip of M16 and below	RC 10-G04C	竖 the normal	1×35 ² ~240 ²
G05	3,4 号设备线夹 90° No.3,4 equipment clip 90°	RC 10-G05B	斜 the lenaed	1×35 ² ~240 ²
G07	3,4 号设备线夹 90° No.3,4 equipment clip 90°	RC 10-G07B	斜 the lenaed	1×35 ² ~240 ²
G08	计量箱三柱 Three poles of measuring box	RC 10-G08A	横 the lateral	1×35 ² ~240 ²
G09	3,4 号设备线夹 0° No.3,4 equipment clip 0°	RC 10-G09C	竖 the normal	1×35 ² ~240 ²
DL3-1	跌落式开关 Drop-out switch	RC 10-GL3-1A	横 the lateral	1×35 ² ~240 ²
DL3-2	跌落式开关 Drop-out switch	RC 10-GL3-2B	横 the lateral	1×35 ² ~240 ²
DL4-1	跌落式开关 Drop-out switch	RC 10-GL4-1A	横 the lateral	1×35 ² ~240 ²
DL4-2	跌落式开关 Drop-out switch	RC 10-GL4-2B	横 the lateral	1×35 ² ~240 ²

电力设备绝缘护罩 Insulated Protection of Power Equipment



产品选型 Product Selection:

订货代号 Order code	配用金具名称 Name of the assembled fitting	型号 Mode	接线方式 Connecting type	导线数 Number of the conductor
D01	接线端子 Connecting terminal	RC 10-D01A	横 the lateral	$1 \times 35^2 \sim 240^2$
D02	接线端子 Connecting terminal	RC 10-D02A	横 the lateral	$1 \times 35^2 \sim 240^2$
D03	接线端子 Connecting terminal	RC 10-D03A	横 the lateral	$1 \times 35^2 \sim 240^2$
D05	接线端子 Connecting terminal	RC 10-D05A	横 the lateral	$1 \times 35^2 \sim 240^2$
D06	接线端子 Connecting terminal	RC 10-D06A	横 the lateral	$1 \times 35^2 \sim 240^2$
D07	接线端子 Connecting terminal	RC 10-D07A	横 the lateral	$1 \times 35^2 \sim 240^2$

