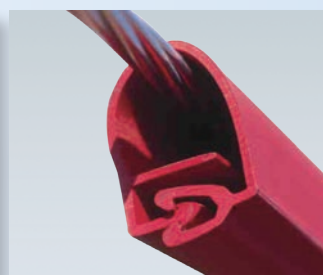


高压热缩管

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 ³)	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 ³)	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	○

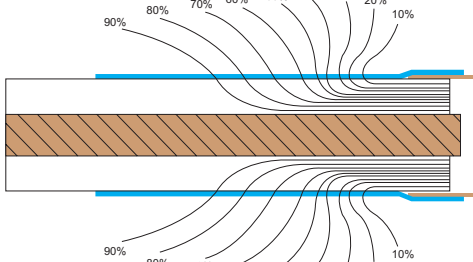
热缩应力控制管
Stress Control Heat Shrinkable Tubing (RSCT)

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	100or 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

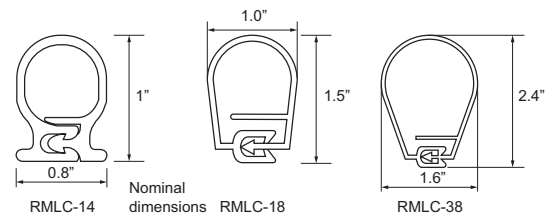
Medium Voltage Line Cover (RMLC)

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