Features

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.

Technical Data

Material name	Property	Parameter
Cold shrinkable material	Shoe hardness (A)	45 ± 3
	Tensile strength (Mpa)	≥ 14
	Permanent distortion ratio	≤ 5%
Insulation tubing	Volume resistance (Ω.cm)	≥ 1×10^{14}
	Dielectric strength (kV/mm)	≥ 23
Stress control tubing	Dielectric constant (ε)	≈ 25

Product Dimensions

For cable cross section mm²		Cable cores				
		Single core	Two cores	Three cores	Four cores	Five cores
Termination kit	25,35,50	SSHN - 1/1.1	SSHN - 1/2.1	SSHN - 1/3.1	SSHN - 1/4.1	SSHN - 1/5.1
	70,95,120	SSHN - 1/1.2	SSHN - 1/2.2	SSHN - 1/3.2	SSHN - 1/4.2	SSHN - 1/5.2
	150,185,240	SSHN - 1/1.3	SSHN - 1/2.3	SSHN - 1/3.3	SSHN - 1/4.3	SSHN - 1/5.3
	300,400	SSHN - 1/1.4	SSHN - 1/2.4	SSHN - 1/3.4	SSHN - 1/4.4	SSHN - 1/5.4
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

Features

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

Technical Data

Property	Parameter	Evaluation
Power frequency dry - state withstand voltage (kV/5min)	39	No flash and breakdown
Power frequency damp - state withstand voltage (kV/5min)	39	No flash and breakdown
Power frequency long - time withstand voltage (kV/4h)	35	No flash and breakdown
Surge withstand voltage (kV/1.2/50 μ s ± 10)	105	No breakdown
DC withstand voltage (kV/15min)	52	No flash and breakdown
Part discharge (kV.pc/1.5uo)	10	Pass

Product Dimensions

For cable cross section mm²	Indoor termination kit		Outdoor termination kit		Straight through joint	
	Single core	Three cores	Single core	Three cores	Single core	Three cores
25,35,50	SSHN - 10/1.1	SSHN - 10/3.1	LSHW - 10/1.1	LSHW - 10/3.1	LSZJ - 10/1.1	LSZJ - 10/3.1
70,95,120	SSHN - 10/1.2	SSHN - 10/3.2	LSHW - 10/1.2	LSHW - 10/3.2	LSZJ - 10/1.2	LSZJ - 10/3.2
150,185,240	SSHN - 10/1.3	SSHN - 10/3.3	LSHW - 10/1.3	LSHW - 10/3.3	LSZJ - 10/1.3	LSZJ - 10/3.3
300,400	SSHN - 10/1.4	SSHN - 10/3.4	LSHW - 10/1.4	LSHW - 10/3.4	LSZJ - 10/1.4	LSZJ - 10/3.4

Features

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

Technical Data

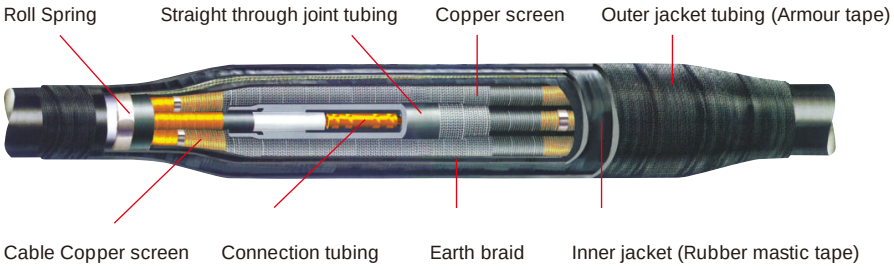
Property	Parameter	Evaluation
Power frequency dry - state withstand voltage (kV/5min)	54	No flash and breakdown
Power frequency damp - state withstand voltage (kV/5min)	54	No flash and breakdown
Power frequency long - time withstand voltage (kV/4h)	48	No flash and breakdown
Surge withstand voltage (kV/1.2/50 μ s ± 10)	125	No breakdown
DC withstand voltage (kV/15min)	96	No flash and breakdown
Part discharge (kV.pc/1.5uo)	10	Pass

Product Dimensions

For cable cross section mm²	Indoor termination kit		Outdoor termination kit		Straight through joint	
	Single core	Three cores	Single core	Three cores	Single core	Three cores
35,50,70	SSHN - 20/1.1	SSHN - 20/3.1	LSHW - 20/1.1	LSHW - 20/3.1	LSZJ - 20/1.1	LSZJ - 20/3.1
95,120,150,185	SSHN - 20/1.2	SSHN - 20/3.2	LSHW - 20/1.2	LSHW - 20/3.2	LSZJ - 20/1.2	LSZJ - 20/3.2
240,300,400	SSHN - 20/1.3	SSHN - 20/3.3	LSHW - 20/1.3	LSHW - 20/3.3	LSZJ - 20/1.3	LSZJ - 20/3.3
500,630,800	SSHN - 20/1.4	SSHN - 20/3.4	LSHW - 20/1.4	LSHW - 20/3.4	LSZJ - 20/1.4	LSZJ - 20/3.4

Features

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

Technical Data

Property	Parameter	Evaluation
Power frequency dry - state withstand voltage (kV/5min)	105	No flash and breakdown
Power frequency damp - state withstand voltage (kV/5min)	105	No flash and breakdown
Power frequency long - time withstand voltage (kV/4h)	78	No flash and breakdown
Surge withstand voltage (kV/1.2/50 μ s ± 10)	140	No breakdown
DC withstand voltage (kV/15min)	156	No flash and breakdown
Part discharge (kV.pc/1.5uo)	10	Pass

Product Dimensions

For cable cross section mm²	Indoor termination kit		Outdoor termination kit		Straight through joint	
	Single core	Three cores	Single core	Three cores	Single core	Three cores
35,50,70	SSHN - 35/1.1	SSHN - 35/3.1	LSHW - 35/1.1	LSHW - 35/3.1	LSZJ - 35/1.1	LSZJ - 35/3.1
95,120,150,185	SSHN - 35/1.2	SSHN - 35/3.2	LSHW - 35/1.2	LSHW - 35/3.2	LSZJ - 35/1.2	LSZJ - 35/3.2
240,300,400	SSHN - 35/1.3	SSHN - 35/3.3	LSHW - 35/1.3	LSHW - 35/3.3	LSZJ - 35/1.3	LSZJ - 35/3.3
500,630,800	SSHN - 35/1.4	SSHN - 35/3.4	LSHW - 35/1.4	LSHW - 35/3.4	LSZJ - 35/1.4	LSZJ - 35/3.4

Features

SEPDM 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

Technical Data

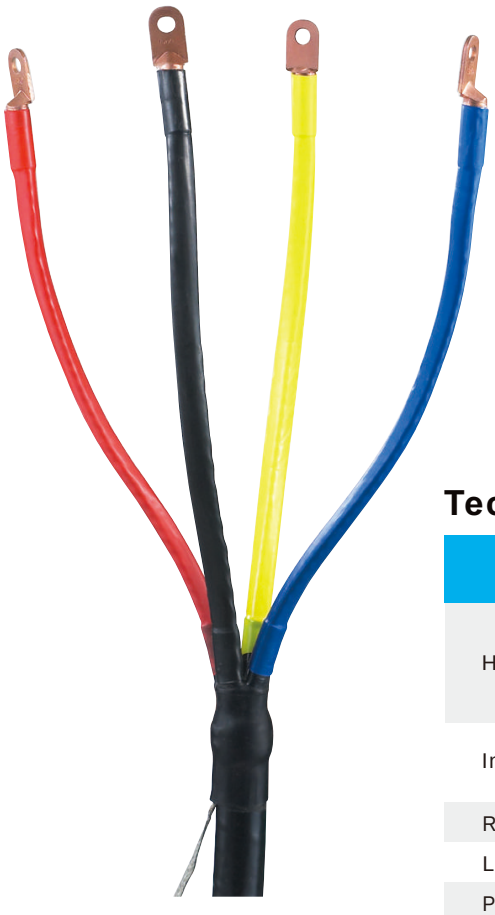
Property	Test method	Parameter
Shoe hardness (A)	GB/T531.1 - 2008	48 ± 2
Tensile strength (Mpa)	GB/T528 - 1998	≥ 11.6
Elongation at break (%)	GB/T528 - 1998	≥ 500
Dielectric strength (kV/mm)	GB1695 - 2005	≥ 19.1
Dielectric constant (ε)	IEC250	≈ 5.0

Product Dimensions

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

Features

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.



Technical Data

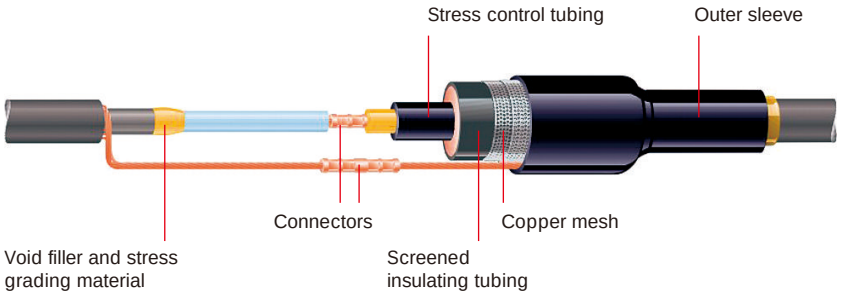
Material name	Property	Parameter
Heat shrinkable material	Shoe hardness (A)	84 ± 3
	Tensile strength (Mpa)	≥ 12
	Shrinkable temperature ( )	120 - 130
Insulation tubing	Volume resistance (Ω.cm)	≥ 1 × 1014
	Dielectric strength (kV/mm)	≥ 20
Radial shrinkable ratio		2.5:1
Longitudinal shrinkable ratio (%)		± 5
Power frequency long - time withstand voltage (kV/4h)		2.4
Power frequency dry - state withstand voltage (kV/5min)		4

Product Dimensions

Name of product	For cable cross section mm²	Cable cores				
		Single core	Two cores	Three cores	Four cores	Five cores
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
Straight through join	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

Features

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

- 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

Technical Data

Property	Parameter	Evaluation
Power frequency dry - state withstand voltage (kV/5min)	39	No flash and breakdown
Power frequency damp - state withstand voltage (kV/5min)	39	No flash and breakdown
Power frequency long - time withstand voltage (kV/4h)	35	No flash and breakdown
Surge withstand voltage (kV/1.2/50 μ s ± 10)	105	No breakdown
DC withstand voltage (kV/15min)	52	No flash and breakdown
Part discharge (kV.pc/1.5uo)	10	Pass

Product Dimensions

For cable cross section mm²	Indoor termination kit		Outdoor termination kit		Straight through joint	
	Single core	Three cores	Single core	Three cores	Single core	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
500,630	NSY - 10/1.5	NSY - 10/3.5	WSY - 10/1.5	WSY - 10/3.5	JSY - 10/1.5	JSY - 10/3.5

Features

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

Technical Data

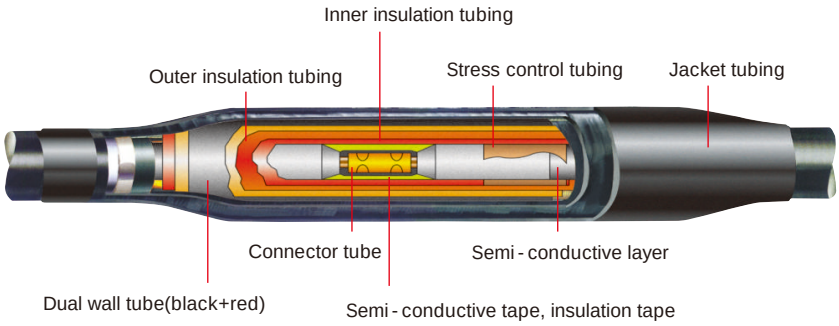
Property	Parameter	Evaluation
Power frequency dry - state withstand voltage (kV/5min)	54	No flash and breakdown
Power frequency damp - state withstand voltage (kV/5min)	54	No flash and breakdown
Power frequency long - time withstand voltage (kV/4h)	48	No flash and breakdown
Surge withstand voltage (kV/1.2/50 μ s ± 10)	125	No breakdown
DC withstand voltage (kV/15min)	96	No flash and breakdown
Part discharge (kV.pc/1.5uo)	10	Pass

Product Dimensions

For cable cross section mm²	Indoor termination kit		Outdoor termination kit		Straight through joint	
	Single core	Three cores	Single core	Three cores	Single core	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
500,630	NSY - 20/1.5	NSY - 20/3.5	WSY - 20/1.5	WSY - 20/3.5	JSY - 20/1.5	JSY - 20/3.5

Features

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

Technical Data

Property	Parameter	Evaluation
Power frequency dry - state withstand voltage (kV/5min)	105	No flash and breakdown
Power frequency damp - state withstand voltage (kV/5min)	105	No flash and breakdown
Power frequency long - time withstand voltage (kV/4h)	78	No flash and breakdown
Surge withstand voltage (kV/1.2/50 μ s ± 10)	140	No breakdown
DC withstand voltage (kV/15min)	156	No flash and breakdown
Part discharge (kV.pc/1.5uo)	10	Pass

Product Dimensions

For cable cross section mm^2	Indoor termination kit		Outdoor termination kit		Straight through joint	
	Single core	Three cores	Single core	Three cores	Single core	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
500,630	NSY - 35/1.5	NSY - 35/3.5	WSY - 35/1.5	WSY - 35/3.5	JSY - 35/1.5	JSY - 35/3.5

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 ≤ 0.5%
- Electrical Insulation: up to 5kV
- Joint Shrink Point: 110
- Joint Hardness: 45 - 50 Shores D
- Tensile Strength: 12 Mpa
- Break down Elongation: ≥ 400 %
- Adhesive Melting Point: 90
- Removed Strength from Steel: 30 N/cm2 at 23
- Appropriate RoHS Standards
- The excellent movement stability and credibility, good coveringcable, easy mounting, excellent.

Sultable Cable Types:

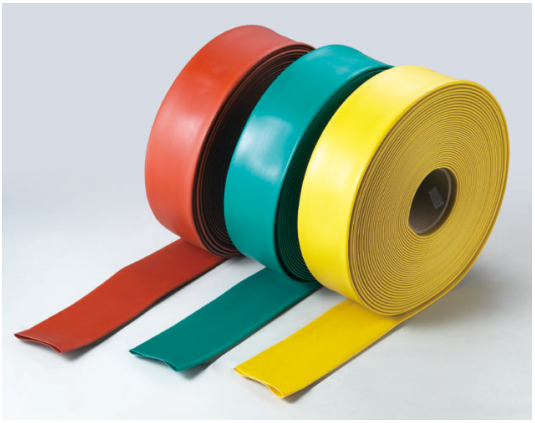
YVV - U, YVV - R, CU/PVC/PVC, NYY, N2XY Use for, PVC insulations, HEPR, EPR, XLPE, other side, armour cables, mining, ship, airport lighting, railway, control, telephone, water pump, submersible pump, data and fiber cables.

Product Dimensions

Code	Cross of cable (mm^2)	D (mm)	L (mm)	Diameter of cable (mm)
S1 - 3105C	3 × 1.5mm^2 Cu	28	260	13
S1 - 3205C	3 × 2.5mm^2 Cu	28	260	14
S1 - 4205C	4 × 2.5mm^2 Cu	28	260	15
S1 - 5205C	5 × 2.5mm^2 Cu	28	260	15
S1 - 504C	5 × 4mm^2 Cu	28	350	16
S1 - 506C	5 × 6mm^2 Cu	33	350	17
S1 - 510C	5 × 10mm^2 Cu	40	350	20
S1 - 410C	4 × 10mm^2 Cu	40	350	20
S1 - 416C	4 × 16mm^2 Cu	40	500	23
S1 - 425C	4 × 25mm^2 Cu	55	500	26
S1 - 435C	4 × 35mm^2 Cu	55	500	29
S1 - 416A	4 × 16mm^2 Al	40	500	23
S1 - 425A	4 × 25mm^2 Al	55	500	26
S1 - 435A	4 × 35mm^2 Al	55	500	29
S1 - 450A	4 × 50mm^2 Al	55	500	34
S1 - 470A	4 × 70mm^2 Al	75	500	39
S1 - 495A	4 × 95mm^2 Al	75	500	44
S1 - 4120A	4 × 120mm^2 Al	95	750	48
S1 - 4150A	4 × 150mm^2 Al	95	750	52
S1 - 4185A	4 × 185mm^2 Al	115	750	58
S1 - 4240A	4 × 240mm^2 Al	115	750	66

Features

- High fire resistance: the oxygen indes is more than 30.
- Fine heat resistance: the operating temperature can reach to 105℃ still can run stably.
- Fine low-temperature character: the product is not fragile and cracking in the temperature environment of -45℃.
- Easy installation: the product can be easily contracted on the bus bar only by bake oven or spray gun.



Technical Data

Property	Test method	Typical data
Share A hardness	-	<80
Tensile strength (Mpa)	ASTM D 2671	>12
Elongation at break (%)	ASTM D 2671	>400
Longitudinal shrinkable ratio (%)	UL224	<5.0
Volume resistance (Ω/cm)	IEC 93	$>1\times10^{14}$
Radial shrinkable ratio	ASTM D 2671	>50
Breakdown strength (kV/mm)	IEC 243	≥ 23
Water absorption (%)	ISO 62	<0.5
Eccentricity (%)	ASTM D 2671	<30
Oxygen index	-	≥ 30
Density (kg/cm^3)	ASTM D 792	1.15×10^{13}
Complete shrink temperature ( )	-	130 ± 5

Product Dimensions for 11kV

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

Product Dimensions for 35kV

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

Features

SAT 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 tempeSATure and dirt resistance, but also have good machinery strength and high-voltage SATed voltage.

- Halogen free
- Tracking resistant
- Minimum shrink temperature: 120℃

Technical Data

Property	Test method	Typical data
Tensile strength (Mpa)	ASTM D 2671	≥ 11
Elongation at break (%)	ASTM D 2671	≥ 400
Longitudinal shrinkable SATio (%)	ASTM D 2671	± 5
Volume resistance (Ω.cm)	ASTM D 2303	1×10^{13}
Dielectric strength (kv/mm)	IEC 243	≥ 20
Radial shrinkable SATio	ASTM D 2671	2.5:1
Dielectric constant (ε)	IEC 250	3.0 max
Flammability (Oxygen index)	IEC 93	≥ 25
Copper corrosion (120 /168hrs)	ASTM D 2671	No corrosion

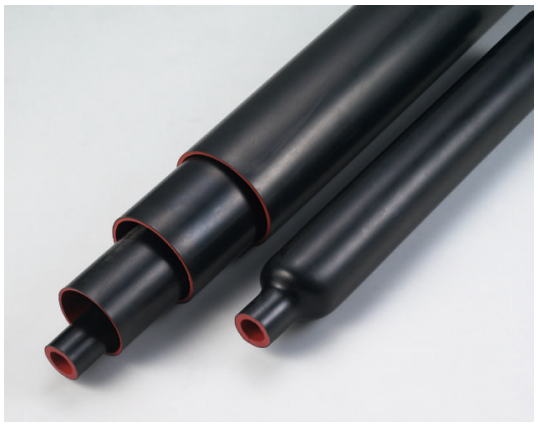
Product Dimensions

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

Features

SSCI 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
- Minimum full recovered temperature: 130



Technical Data

Property	Test method	Typical data
Inner layer		
Tensile strength (Mpa	ASTM D 2671	≥ 12
Elongation at break (%)	ASTM D 2671	≥ 300
Water absorption (%)	ISO 62	< 0.5
Volume resistance (Ω.cm)	IEC 93	$\geq 1 \times 10^{14}$
Dielectric strength (kV/mm)	IEC 243	≥ 20
Density (g/cm^2)	ASTE D 257	1.1
External layer		
Tensile strength (Mpa	ASTM D 638	≥ 2
Elongation at break (%)	ASTM D 638	≥ 300
Water absorption (%)	ISO 62	0.5
Volume resistance (Ω.cm)	IEC 93	$< 1 \times 10^{14}$
Density (g/cm^2)	ASTE D 257	< 1.2

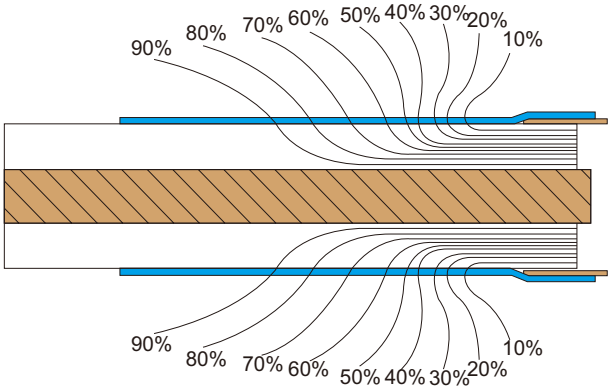
Product Dimensions

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

Features

SSCT 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



Technical Data

Property	Test method	Typical data
Tensile strength (Mpa)	ASTM D 2671	≥ 10
Elongation at break (%)	ASTM D 2671	≥ 300
Longitudinal shrinkable ratio (%)	ASTM D 2671	± 5
Volume resistance (Ω.cm)	ASTM D 2303	1×10^{14}
Dielectric strength (kV/mm)	IEC 243	≥ 20
Radial shrinkable ratio	ASTM D 2671	2.5:1
Dielectric constant (ε)	IEC 250	2.5 max

Product Dimensions

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

Features

SSMC 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

Technical Data

Property	Test method	Typical data
Tensile strength (Mpa)	ASTM D 2671	≥ 14
Elongation at break (%)	ASTM D 2671	≥ 300
Longitudinal shrinkable ratio (%)	ASTM D 2671	± 5
Volume resistance (Ω.cm)	ASTM D 2303	1×10^{14}
Radial shrinkable ratio	ASTM D 2671	2.5 : 1
Water absorption (%)	ISO 62	< 0.15
Elongation at break after aging (%)	120 ,168hrs	≥ 200
Eccentricity (%)	ASTM D 2671	< 30

Product Dimensions

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

Features

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

• Shrink temperature: 100

Technical Data

Property	Test method	Typical data
Tensile strength (Mpa)	ASTM D 2671	≥ 12
Elongation at break (%)	ASTM D 2671	≥ 300
Longitudinal shrinkable ratio (%)	ASTM D 2671	± 5
Volume resistance (Ω.cm)	ASTM D 2303	1×10^{14}
Radial shrinkable ratio	ASTM D 2671	2.5:1
Water absorption (%)	ISO 62	<0.5
Dielectric strength (kV/mm)	IEC 243	≥ 20
Oil resistance	—	Pass

Product Dimensions

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

Features

SJKT 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

Technical Data

Property	Test method	Typical data
Tensile strength (Mpa)	ASTM D 2671	≥ 13
Elongation at break (%)	ASTM D 2671	≥ 300
Longitudinal shrinkable ratio (%)	ASTM D 2671	± 5
Volume resistance (Ω.cm)	ASTM D 2303	1×10^{14}
Radial shrinkable ratio	ASTM D 2671	2.5: 1
Water absorption (%)	ISO 62	<0.15
Elongation at break after aging (%)	120 ,168hrs	≥ 200
Eccentricity (%)	ASTM D 2671	<30

Product Dimensions

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

Features

SMW is medium wall heat shrinkable tubing with hot meit adhesive, having properties of excellent insulating, environmntal 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 ( )	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)	ASTM D 1693	No cracking
Water absorption (23 /14days) (%)	ISO 62	<0.15

Thermoplastic Adhesive

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

Product Dimensions for 35kV

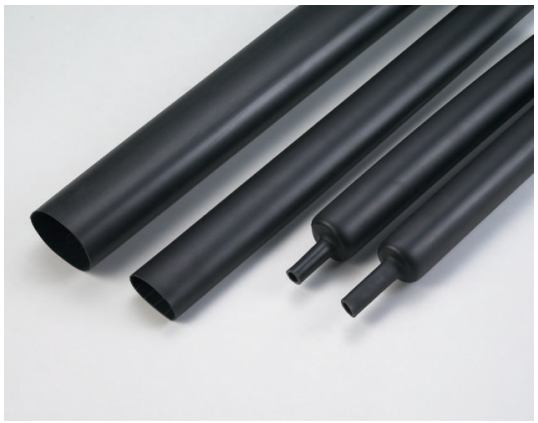
Normal size (mm)	AS supplied (mm)	After recovered (mm)		Length (m)	Tubing shape	Normal size (mm)	AS supplied (mm)	After recovered (mm)		Length (m)	Tubing shape
	Inside diameter	Inside diameter	Wall thickness				Inside diameter	Inside diameter	Wall thickness		
SMW - 8/2	8	2	1.7	1.22	○	SMW - 65/19	65	19	2.8	1.22	○
SMW - 12/3	12	3	2.0	1.22	○	SMW - 75/22	75	22	3.0	1.22	○
SMW - 16/5	16	5	2.2	1.22	○	SMW - 85/25	85	25	3.0	1.22	○
SMW - 19/5	19	5	2.5	1.22	○	SMW - 95/25	95	25	3.0	1.22	○
SMW - 22/6	22	6	2.5	1.22	○	SMW - 115/34	115	34	3.0	1.22	○
SMW - 28/6	28	6	2.5	1.22	○	SMW - 140/42	140	42	3.0	1.22	○
SMW - 33 - 8	33	8	2.5	1.22	○	SMW - 160/50	160	50	3.0	1.22	○
SMW - 40/12	40	12	2.5	1.22	○	SMW - 180/58	180	58	3.0	1.22	○
SMW - 55/16	55	16	2.7	1.22	○	SMW - 205/65	205	65	3.0	1.22	○

Features

SHW 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.

SHW 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℃



Technical Data

Property	Test method	Typical data
Operating temperature ( )	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)	ASTM D 1693	No cracking
Water absorption (23 /14days) (%)	ISO 62	<0.15

Product Dimensions for 35kV

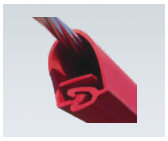
Normal size (mm)	AS supplied (mm)	After recovered (mm)		Length (m)	Tubing shape	Normal size (mm)	AS supplied (mm)	After recovered (mm)		Length (m)	Tubing shape
	Inside diameter	Inside diameter	Wall thickness				Inside diameter	Inside diameter	Wall thickness		
SHW-9/3	9	3	1.8	1.22	○	SHW-85/25	85	25	4.3	1.22	○
SHW-13/4	13	4	2.4	1.22	○	SHW-95/30	95	30	4.3	1.22	○
SHW-22/6	22	6	2.7	1.22	○	SHW-105/30	105	30	4.3	1.22	○
SHW-33/8	33	8	3.2	1.22	○	SHW-130/36	130	36	4.3	1.22	○
SHW-40/12	40	12	4.1	1.22	○	SHW-160/50	160	50	4.3	1.22	○
SHW-45/12	45	12	4.1	1.22	○	SHW-180/50	180	50	4.3	1.22	○
SHW-55/16	55	16	4.1	1.22	○	SHW-200/60	200	60	4.3	1.22	○
SHW-75/22	75	22	4.1	1.22	○						

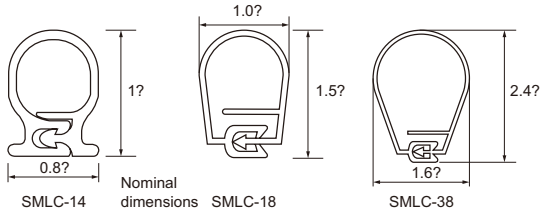
Main characteristics

- 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 ofrailway 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 × 1013
Dielectric constant (ε)	GB/T1409 - 2006	3.0 max
Flammability (oxygen index)	GB/T2406 - 1993	≥ 27

Product Dimensions

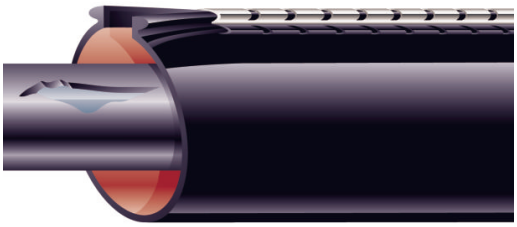
Normal size (mm)	Voltage Glass (kV)	Conductor Size (mm^2)	Conductor O.D (mm)	Length (m/roll)
SMLC - 14A	1 - 15	Under 70	12	20
SMLC - 14B	1 - 35	Under 70	12	20
SMLC - 18A	1 - 15	Under 120	16	20
SMLC - 18B	1 - 35	Under 120	16	20
SMLC - 20A	1 - 15	150	18	20
SMLC - 20B	1 - 35	150	18	20
SMLC - 28A	1 - 15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

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℃ to 45℃



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)
SCRS - 40/12	40	12	300~1000
SCRS - 50/15	50	15	300~1000
SCRS - 60/18	60	18	300~1000
SCRS - 70/22	70	22	300~1000
SCRS - 85/25	85	25	300~1000
SCRS - 100/30	100	30	300~1000
SCRS - 135/38	135	38	300~1000
SCRS - 175/55	175	55	300~1000
SCRS - 210/65	210	65	300~1000

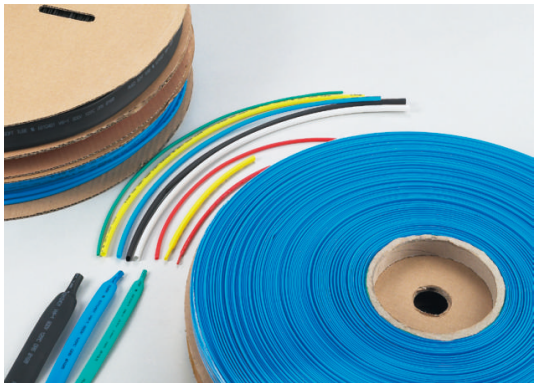
THIN WALL HEAT SHRINKABLE TUBING (SDRS 2X)

Shrink Ratio 2:1

Application

The fire resistant heat shrinkable tubing are provided with the function of low-temperature contraction, fiexibility, 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 antnna fram rusting and corroding.

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



Technical Data

Property	Test method	Typical data
Operating temperature ( )	UL 224	-50 to +125
Tensile strength (Mpa)	ASTM D 2671	≥ 14
Elongation at break (%)	ASTM D 2671	>400
Longitudinal shrinkable ratio (%)	UL 224	0 ± 5
Eccentricity (%)	ASTM D 2671	<30
Heat aging tensile strength ultimate elongation	158 /168hrs	≥ 300
Flammability	VW - 1	Pass
Volume resistance (Ω.cm)	IEC 93	$>10^{14}$
Copper stability	UL 224	Pass

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

POWERLINK

THIN WALL HEAT SHRINKABLE TUBING (SDRS 2X)

Shrink Ratio 2:1

Application

The fire resistant heat shrinkable tubing are provided with the function of low-temperature contraction, fiexibility, 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 antnna fram rusting and corroding.

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

Technical Data

Property	Test method	Typical data
Operating temperature ( )	UL 224	-50 to +125
Tensile strength (Mpa)	ASTM D 2671	≥ 14
Elongation at break (%)	ASTM D 2671	>400
Longitudinal shrinkable ratio (%)	UL 224	0 ± 5
Eccentricity (%)	ASTM D 2671	<30
Heat aging tensile strength ultimate elongation	158 /168hrs	≥ 300
Flammability	VW - 1	Pass
Volume resistance (Ω.cm)	IEC 93	$>10^{14}$
Copper stability	UL 224	Pass

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)	
SDRS - 20.0/10.0	20.0	0.325 ± 0.06	10.0	0.65 ± 0.10	50
SDRS - 22.0/11.0	22.0	0.325 ± 0.06	11.0	0.65 ± 0.10	50
SDRS - 25.0/125	25.0	0.35 ± 0.06	12.5	0.70 ± 0.10	25
SDRS - 28.0/14.0	28.0	0.40 ± 0.06	14.0	0.80 ± 0.10	25
SDRS - 30/15	30.0	0.40 ± 0.06	15.0	0.80 ± 0.10	25
SDRS - 35/17.5	35.0	0.425 ± 0.10	17.5	0.85 ± 0.15	25
SDRS - 40/20	40.0	0.425 ± 0.10	20.0	0.85 ± 0.15	25
SDRS - 50/25	50.0	0.425 ± 0.10	25.0	0.85 ± 0.15	25
SDRS - 60/30	60.0	0.45 ± 0.10	30.0	0.90 ± 0.15	25
SDRS - 70/35	70.0	0.45 ± 0.10	35.0	0.90 ± 0.15	25
SDRS - 80/40	80.0	0.45 ± 0.10	40.0	0.90 ± 0.15	25
SDRS - 90/45	90.0	0.50 ± 0.10	45.0	1.00 ± 0.15	25
SDRS - 100/50	100.0	0.55 ± 0.10	50.0	1.10 ± 0.15	25
SDRS - 120/60	120.0	0.60 ± 0.10	60.0	1.20 ± 0.15	25
SDRS - 150/75	150.0	0.65 ± 0.10	75.0	1.30 ± 0.15	25
SDRS - 200/100	200.0	0.65 ± 0.10	100.0	1.30 ± 0.15	25
SDRS - 230/115	230.0	0.65 ± 0.10	115.0	1.30 ± 0.15	25

THIN WALL HEAT SHRINKABLE TUBING (SDRS 3X)

Shrink Ratio 3:1

Application

With outstanding physical, chemical and electrical property, it widely used for electrical insulation, bunding to prevent corrosion and provid mechanical protection. 3:1 strink ration more suitable for application to irregular, awkward shapes.

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

Technical Data

Property	Test method	Typical data
Operating temperature ( )	UL 224	-50 to +125
Tensile strength (Mpa)	ASTM D 2671	≥ 14
Elongation at break (%)	ASTM D 2671	400
Longitudinal shrinkable ratio (%)	UL 224	0 ± 5
Eccentricity (%)	ASTM D 2671	<30
Heat aging tensile strength ultimate elongation	158 /168hrs	≥ 300
Flammability	VW - 1	Pass
Volume resistance (Ω.cm)	IEC 93	$>10^{14}$
Copper stability	UL 224	Pass

Product Dimensions

Normal size (mm)	Inch	AS supplied(mm)	After recovered(mm)		Standard Length (m/spool)
		Inside Diameter(Min)	Inside Diameter(Max)	Wall Thickness(Max)	
SDRS3X - 1.5/0.5	1/16	1.6	0.5	0.45	200
SDRS3X - 3.0/1.0	1/8	3.2	1.0	0.55	200
SDRS3X - 4.5/1.5	3/16	4.8	1.5	0.60	100
SDRS3X - 6.0/2.0	1/4	6.4	2.0	0.65	100
SDRS3X - 9.0/3.0	3/8	9.5	3.0	0.75	100
SDRS3X - 12.0/4.0	1/2	12.7	4.0	0.80	50
SDRS3X - 18.0/6.0	3/4	19.1	6.0	0.90	50
SDRS3X - 24.0/8.0	1	25.4	8.0	1.20	50
SDRS3X - 39.0/13.0	1 1/2	39.0	13.0	1.25	50
SDRS3X - 50.0/17.0	2	51.0	17.0	1.30	50
SDRS3X - 60.0/20.0	2 1/2	65.0	20.0	1.35	50

POWERLINK

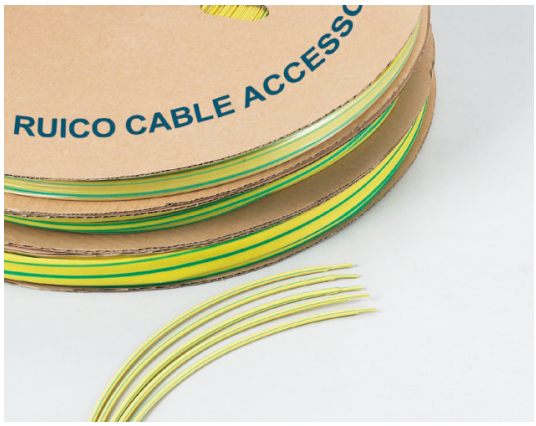
YELLOW/GREEN HEAT SHRINKABLE TUBING (SYG 2X)

Shrink Ratio 2:1

Application

With outstanding physical, chemical and electrical property, it widely used for electrical insulation, bunding to prevent corrosion and provid mechanical protection. 3:1 strink ration more suitable for application to irregular, awkward shapes.

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



Technical Data

Property	Test method	Typical data
Operating temperature ( )	UL 224	-50 to +125
Tensile strength (Mpa)	ASTM D 2671	≥ 14
Elongation at break (%)	ASTM D 2671	>400
Longitudinal shrinkable ratio (%)	UL 224	0 ± 5
Eccentricity (%)	ASTM D 2671	<30
Heat aging tensile strength ultimate elongation	158 /168hrs	≥ 300
Flammability	VW - 1	Pass
Volume resistance (Ω.cm)	IEC 93	$>10^{14}$
Copper stability	UL 224	Pass

Product Dimensions

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

DUAL WALL WITH ADHESIVE TUBING (SDW 3X SDW 4X)

Shrink Ratio 3:1 & 4:1

Application

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

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

Technical Data

Property	Test method	Typical data
Tensile strength (Mpa)	ASTM D 2671	≥ 10.4
Elongation at break (%)	ASTM D 2671	>300
Tensile strength after aging	ASTM D 2671	Remains 70
(158 /168hrs) (%) Elongation after aging	ASTM D 2671	>100
(158 /168hrs) (%) Longitudinal shrinkage (%)	UL 224	0 - 10
Cold bend test (- 30 /4hrs)	ASTM D 2671	No cracking
Volume resistance (Ω.cm)	ASTM D 876	>1014
Flammability	ASE - AMS - DTL - 23053/4	Self - extinguish in 30sec
Copper stability (158 /168hrs)	UL 224	Pass
Water absorption (%)	ASTM D 570	<0.5

Product Dimensions

Normal size (mm)	Inch	AS supplied (mm)	After recovered (mm)			Standard Length (m/spool)	Normal size (mm)	Inch	AS supplied (mm)	After recovered (mm)			Standard Length (m/spool)
		Inside diameter (Min)	Inside diameter (Max)	Wall thickness (Max)	Adhesive thickness (Nom.)				Inside diameter (Min)	Inside diameter (Max)	Wall thickness (Max)	Adhesive thickness (Nom.)	
3/1	1/8	3.0	1.0	1.00	0.5	200	4/1	3/16	4.0	1.0	1.00	0.5	100
4.8/1.5	3/16	4.8	4.5	1.00	0.5	100	6/1.5	1/4	6.0	1.5	1.00	0.5	100
6/2	1/4	6.0	2.0	1.00	0.5	100	8/2	5/16	8.0	2.0	1.00	0.5	50
9/3	3/8	9.0	3.0	1.40	0.6	50	12/3	1/2	12.0	3.0	1.40	0.6	25
12/4	1/2	12.0	4.0	1.60	0.8	25	16/4	5/8	16.0	4.0	1.60	0.8	25
19/6	3/4	19.0	6.0	2.15	0.8	25	24/6	1	24.0	6.0	2.15	0.8	25
24/8	1	24.0	8.0	2.40	1.0	25	32/8	1 1/4	32.0	8.0	2.40	1.0	25
30/10	1 1/4	30.0	10.0	2.40	1.0	25	53/13	2	52.0	13.0	2.40	1.0	-
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							

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

Application

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.

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 to +100
- Min. full recovery temp: 120
- Standard colors: clear
- Special colors: blue, yellow, green, violet, brown,red
- Packing standard: 100pcs / bag
- We can also pack according to your request

Technical Data

Property	Test method	Parameter
Tensile strength (Mpa)	ASTM D 2671	≥ 18
Elongation at break (%)	ASTM D 2671	700
Density (g/cm3)	ISO 1183	0.94
Dielectric strength (kV/mm)	IEC 243	≥ 20
Dielectric constant	IEC 250	≤ 2.5
Longitudinal change (%)	ASTM D 2671	0~ ± 5

Product Dimensions

Type	splice protector (mm)		fusion tube (mm)		steel rod (mm)	
	O.D	Length	I.D	Length	O.D	Length
SGQT - 61	3.0	61	1.40	61	1.5	55
SGQT - 45	3.0	45	1.40	45	1.5	40
SGQT - 23	3.0	23	1.40	23	1.5	18
SGQT - 61T	2.5	61	1.40	61	1.0	57
SGQT - 45T	2.5	45	1.40	45	1.0	41
SGQT - 40T	2.5	40	1.40	40	1.0	36
SGQT - 30T	2.5	30	1.40	30	1.0	26
SGQT - 25T	2.5	25	1.40	25	1.0	21

Application

主要用于温度范围在-30℃~80℃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。

Features

· PE polyethylene
·
·
·

Product Dimensions

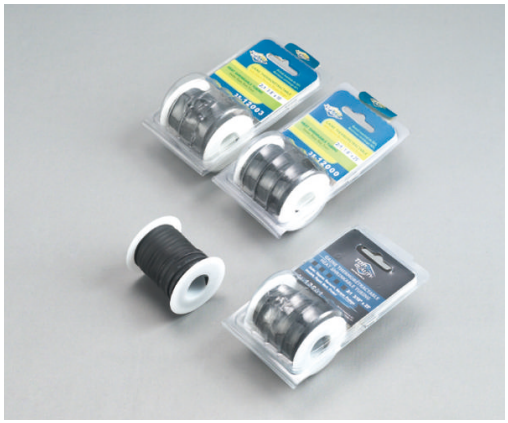
软管规格(AD)	内径×外径(mm)	弯曲半径(mm)	包装单位(m)
AD10.0	6.5 × 10.0	16	200
AD13.0	10.0 × 13.0	20	100
AD15.8	12.0 × 15.8	30	100
AD18.5	14.3 × 18.5	40	100
AD21.2	17.0 × 21.2	45	100
AD25.0	20.0 × 25.0	45	100
AD28.5	23.0 × 28.5	50	50
AD34.5	29.0 × 34.5	60	50
AD42.5	36.0 × 42.5	70	50
AD54.5	48.0 × 54.5	90	25

Thin wall heat shrinkable tubing

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

Thin wall heat shrinkable tubing L=150mm

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



Thin wall heat shrinkable tubing

Type	Size (Inch)	M/box	Color
SDRS - C - 3/1.5	1/8	25	Black
SDRS - C - 4/2	3/16	25	Black
SDRS - C - 6/3	1/4	15	Black
SDRS - C - 9/4.5	3/8	10	Black
SDRS - C - 13/6.5	1/2	10	Black

Dual wall heat shinkable tubing with adhesive

Type	Size (Inch)	M/box	Color
SDW - A - 6.4/2.4	1/4	14	Black
SDW - A - 9.5/3.2	3/8	12	Black
SDW - A - 12.7/4.8	1/2	10	Black
SDW - A - 19.1/6.4	3/4	5	Black

Application

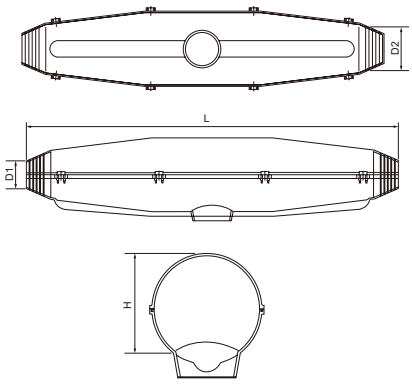
Resin filled straight joint for cable with XLPE, PVC EPR.

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



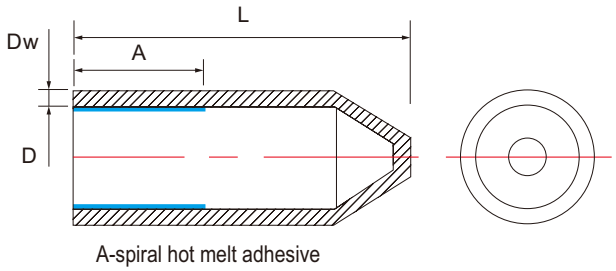
Product Dimensions

Type	Cable size (mm^2)	L(mm)	H(mm)	D1(mm)	D2(mm)
SCRJ-1(M11)	4×1.5-16	200	36	6	28
SCRJ-2(M12)	4×25-50	350	55	20	38
SCRJ-3(M13)	4×70-95	400	75	26	44
SCRJ-4(M14)	4×120-185	530	110	35	60

Application

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℃



A-spiral hot melt adhesive

Technical Data

Property	Test method	Parameter
Operating temperature ( )	IEC 216	- 55 to +110
Tensile strength (Mpa)	ASTM D 638	≥ 14
Elongation at break (%)	ASTM D 638	400
Density (g/cm3)	ASTM D 792	1.05
Elongation at break after aging (%)	150 /168hrs	300
Dielectric strength (kV/mm)	IEC 243	15
Volume resistance (Ω.cm)	IEC 93	$>10^{14}$

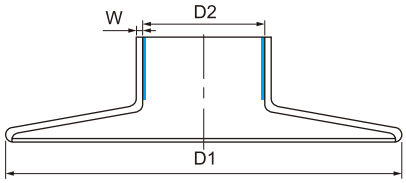
Product Dimensions

Normal size (mm)	AS supplied(mm)	After recovered(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

Application

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℃



Technical Data

Property	Test method	Parameter
Tensile strength (Mpa)	ASTM D 2671	≥13
Elongation at break (%)	ASTM D 2671	400
Tensile strength after aging (120 /168hrs) (Mpa)	ASTM D 2671	10.4
Elongation at break after aging (120 /168hrs) (%)	ASTM D 2671	350
Dielectric strength (kV/mm)	ASTM D 2671	15
Electric constant (ε)	IEC250	3.0
Volume resistance (Ω.cm)	ASTM D 2303	>1014
Flammability (Oxygen index)	IEC 93	25
Copper corrosion (120 /168hrs)	ASTM D 2671	No corrosion

Product Dimensions

Name	Normal size (mm)	AS supplied(mm)	After recovered(mm)	D1(mm)	Wall thickness (mm)±10%	Color
		D(Min)	D2(mm)			
Single hole	SSD - 30/12	30	12	100	3	Red Purple Black
	SSD - 35/12	35	12	100	3	
	SSD - 40/18	40	18	115	3	
	SSD - 50/18	50	18	115	3	
	SSD - 60/25	60	25	130	3	
	SSD - 70/25	70	25	130	3	
	SSD - 130/50	130	50	200	3.2	Red
	SSD - 160/70	160	70	250	3.2	
	SSD - 200/80	200	80	320	3.2	
	SSD - 240/110	240	110	360	4.2	
	SSD - 300/150	300	150	420	4.2	
	SSD - 380/150	380	150	450	4.2	
	SSD - 450/200	450	200	550	4.2	
Three holes	SSD3 - 35/12	35	12	130	3	Red
	SSD3 - 50/20	50	20	150	3	

Application

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

Technical Data

Property	Test method	Parameter
Tensile strength (Mpa)	ASTM D 2671	≥ 13
Elongation at break (%)	ASTM D 2671	300
Tensile strength after aging (120 /168hrs) (Mpa)	ASTM D 2671	10
Elongation at break after aging (120 /168hrs) (%)	ASTM D 2671	250
Dielectric strength (kV/mm)	ASTM D 2671	15
Electric constant (ε)	IEC250	3.0
Volume resistance (Ω.cm)	ASTM D 2303	$>10^{13}$
Flammability (Oxygen index)	IEC 93	25
Copper corrosion (120 /168hrs)	ASTM D 2671	No corrosion
Water absorption (%)	ISO 62	1(max)

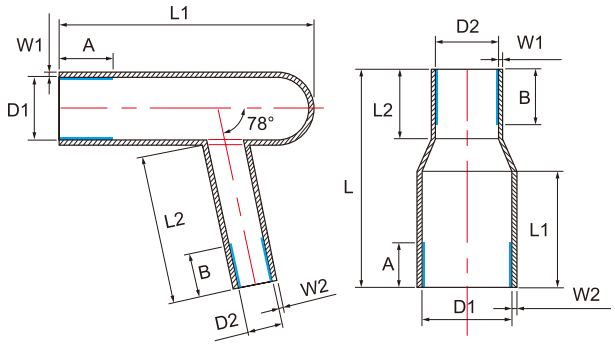
Product Dimensions

Specification	AS supplied (mm)						After recovered (mm)					
	Branch			Root			Branch			Root		
	I.D.	Wall thickness	Length	I.D.	Wall thickness	Length	I.D.	Wall thickness	Length	I.D.	Wall thickness	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

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℃
- Standard color: Red



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

Technical Data

Property	Test method	Parameter
Tensile strength (Mpa)	ASTM D 2671	≥ 12
Elongation at break (%)	ASTM D 2671	≥ 300
Tensile strength after aging (120 /168hrs) (Mpa)	ASTM D 2671	≥ 8.5
Elongation at break after aging (120 /168hrs) (%)	ASTM D 2671	≥ 200
Dielectric strength (kV/mm)	IEC 243	≥ 15
Volume resistance (Ω.cm)	IEC 93	$>10^{13}$
Water absorption (%)	ISO 62	1(max)
Flammability (Oxygen index)	IEC 93	≥ 25

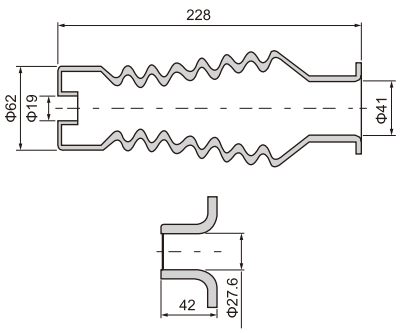
Product Dimensions

Type	Order Ref. Nummber	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	SHMR - 1(80/36 - 35/18)	80	35	36	18	170	125	-	4.2	3.5
	SHMR - 2(80/36 - 50/18)	80	50	36	18	170	125	-	3.8	3.5
	SHMR - 3(95/38 - 70/28)	95	70	38	28	160	140	-	4.2	4.8
Straight	SHMR - 4(80/35 - 34/20)	80	34	35	20	145	30	220	3.2	3.2
	SHMR - 5(80/35 - 58/20)	80	58	35	20	145	30	220	3.2	3.2

SILICON RUBBER BUSING BOOT UP TO 17.5KV (SCAB)

Features

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



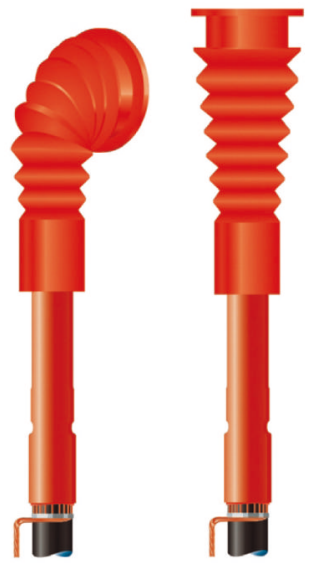
Bebefuts

· 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 per - formance 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.

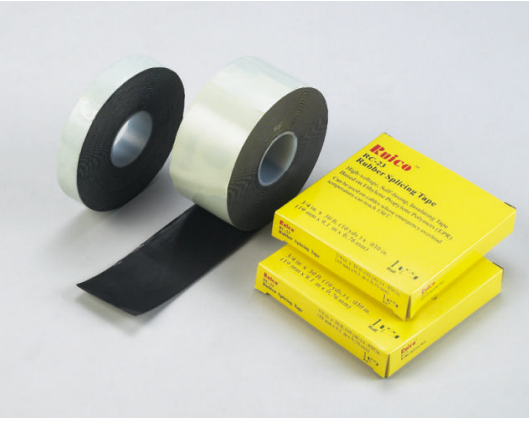


Technical Data

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

Main Characteristics

• R23 is an insulating, self-amalgamating tape based on EPR (Ethylene Propylene) Rubber



Technical Data

· For jointing and repairing a wide range of solid dielectric power cables up to 33kV.
· For insulation, waterproofing and protection of electrical components.

Product Benefits

· Excellent physical and electrical properties with a high degree of stability under conditions of use.
· The tape amalgamates rapidly when applied under tension to provide a void - free homogeneous wrapping, without the need for external heat or pressure.
· Compatible with a wide range of rubber and plastic dielectric cable insulation. These include polyethylene, cross - linked polyethylene, ethylene propylene rubber, PVC, butyl and neoprene.
· Excellent resistance to water and ozone.
· The tape will remove cleanly when cut, allowing it to be used as temporary insulation or protection.
· Supplied in an easy to handle and apply tape form. The product is interleaved with a disposable plastic liner.

Technical Data

Performance	Typical data
Tensile strength (kN/M)	1.4
Elongation at break (%)	700
Volume resistivity (Ω/mm)	1×10^{6}
Dielectric strength (kV/mm)	33
Service temperature ( )	- 30 to +90

Standard Presentation

Type	Thickness (mm)	Length (m)	Width (mm)	Membrane Color	Packing
SCMC23	0.76	3m, 5m 9.1m, 10m	19, 25, 38, 50	Milky white	38mm plastic core, Individually shrink - wrapped rolls

Recommendations

· Care should be taken to avoid direct contact between the tape and petroleum - type solvents and oils. Oils may affect the electrical properties of the tape.
· The rolls should be stored flat on their cut edges in the original packaging. The product must be protected from dust, heat, moisture, direct sunlight and solvent fumes. Storage temperature between +10 and +35 . Under these conditions, the storage life of the tape in a temperate climate will be at least two year.

Main Characteristics

- R2501 is a general-purpose insulating, self-amalgamating tape based on PIB (Polyisobutylene) rubber

Technical Data

· For jointing and repairing a wide range of power and distribution cables up to 46kV.
· For making watertight seals at polyethylene sleeve joints on polyethylene - sleeved telephone cables both above and below ground.
· For general - purpose protection and waterproofing.
· For insulation, waterproofing and protection of electrical components.
· For corrosion protection of metal pipe work.
· For protection of joints against seawater in marine environments.
· For general - purpose DIY temporary repairs.
· For waterproofing and protecting cables and components on satellite dishes.

Product Benefits

· Good physical and electrical properties with a high degree of stability under conditions of use.
· The tape amalgamates rapidly when applied under tension to provide a void - free homogeneous wrapping, without the need for external heat or pressure.
· Compatible with a wide range of rubber and plastic dielectric cable insulation. These include polyethylene, cross - linked polyethylene, ethylene propylene rubber, PVC, butyl and neoprene.
· Highly resistant to prolonged immersion in water and has excellent resistance to ozone.
· The product can be removed cleanly from most substrates, making it suitable for temporary repairs.
· Supplied in an easy to handle and apply tape form. The product is interleaved with a disposable plastic liner.

Technical Data

Performance	Typical data
Tensile strength (kN/M)	1.8
Elongation at break (%)	700
Volume resistivity (Ω/mm)	1.5×10^{13}
Dielectric strength (kV/mm)	30
Service temperature ( )	- 30 to +80

Standard Presentation

Type	Thickness (mm)	Length (m)	Width (mm)	Membrane Color	Packing
SCM2501	0.5, 0.76	3m, 5m 9.1m, 10m	19, 25, 38, 50	Black	38mm plastic core, Individually shrink - wrapped rolls

Recommendations

· Care should be taken to avoid direct contact between the tape and petroleum - type solvents and oils. Oils may affect the electrical properties of the tape.
· The rolls should be stored flat on their cut edges in the original packaging. The product must be protected from dust, heat, moisture, direct sunlight and solvent fumes. Storage temperature between +10 and +35 . Under these conditions, the storage life of the tape in a temperate climate will be at least two year.

SELF-AMALGAMATING RUBBER TAPE SCM2517

Main Characteristics

- R2517 is an insulating, self-amalgamating tape based on natural rubber.

Technical Data

· For jointing and repairing a wide range of solid dielectric power cables up to 11kV.
· For insulation, waterproofing and protection of electrical components.

Product Benefits

· Excellent physical and electrical properties with a high degree of stability under conditions of use.
· The tape amalgamates rapidly when applied under tension to provide a void - free homogeneous wrapping, without the need for external heat or pressure.
· Compatible with a wide range of rubber and plastic dielectric cable insulation. These include polyethylene, cross - linked polyethylene, ethylene propylene rubber, PVC, butyl and neoprene.
· Excellent resistance to water and ozone.
· The tape will remove cleanly when cut, allowing it to be used as temporary insulation or protection.
· Supplied in an easy to handle and apply tape form. The product is interleaved with a disposable plastic liner.

Technical Data

Performance	Typical data
Tensile strength (kN/M)	1.2
Elongation at break (%)	600
Volume resistivity (Ω/mm)	1×10^5
Dielectric strength (kV/mm)	30
Service temperature ( )	- 30 to +70

Standard Presentation

Type	Thickness (mm)	Length (m)	Width (mm)	Membrane Color	Packing
SCM2517	0.76	3m, 5m 9.1m, 10m	19, 25, 38, 50	White, Black	38mm plastic core, Individually shrink - wrapped rolls

Recommendations

· Care should be taken to avoid direct contact between the tape and petroleum - type solvents and oils. Oils may affect the electrical properties of the tape.
· The rolls should be stored flat on their cut edges in the original packaging. The product must be protected from dust, heat, moisture, direct sunlight and solvent fumes. Storage temperature between +10 and +35 . Under these conditions, the storage life of the tape in a temperate climate will be at least two year.

Main Characteristics

R13 Electrical Semi-Conductive Tape is a highly conformable, semi-conducting Ethylene Propylene Rubber (EPR)-based, high-voltage splicing tape, electrical tape 13 elongates easily to conform to irregular shapes and retains its conductive when stretched.

Installation techniques:

R13 tape is usually wrapped in half - lapped layers,highly elongate tape when overwrapping connectors, terminal lugs,and near edges of cable metallic shield,semi conducting cable tape and semi conducting jackets.

Note: stretching 13 tape increases it conductance and will not harm it in any way.

Caution: R13 tape is not oil resistant,it should not be used in splicing and terminating cables which contain oil or slippery compounds as part of dielectric such as PILC cable.

Technical Data

Performance	Typical data
Tensile strength (kN/M)	1.2
Elongation at break (%)	700
Volume resistivity (Ω /mm)	10^3
Service temperature ( )	- 30 to +75

Standard Presentation

Type	Thickness (mm)	Length (m)	Width (mm)	Membrane Color	Packing
SCM13	0.76	5m, 9.1m	19, 25	Milky white Printing film	38mm plastic core, Individually shrink - wrapped rolls

Recommendations

· Care should be taken to avoid direct contact between the tape and petroleum - type solvents and oils. Oils may affect the electrical properties of the tape.
· The rolls should be stored flat on their cut edges in the original packaging. The product must be protected from dust, heat, moisture, direct sunlight and solvent fumes. Storage temperature between +10 and +35 . Under these conditions, the storage life of the tape in a temperate climate will be at least two year.