



## RUBNS-OLC

### Silicon Rubber Overhead Line Cover



#### Description

**RUBNS-OLC** The innovative product design, ease of installation. Use silicon rubber material, anti-aging, corrosion resistance, with good resistance to corona resistance, high temperature performance, especially suitable for the protection of the bare wire. Widely used in substation protection works and railway catenary system, a significant effect in the cross-lines.

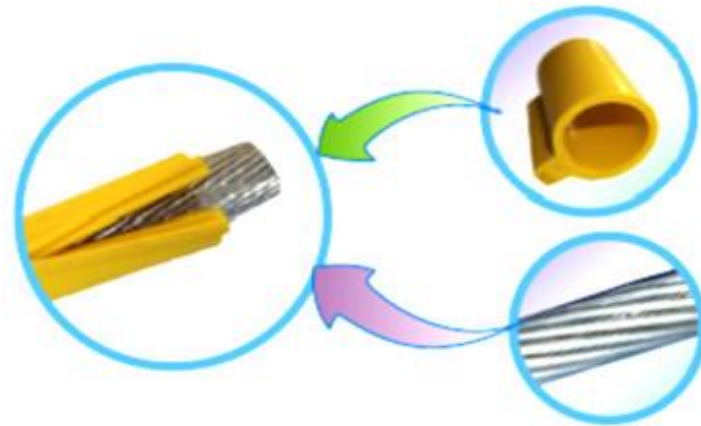
#### Technical Performance

Serial No.	Properties	Unit	Standard Data	Test Results	Test Methods
1	Electrical Strength Test	kV/mm	≥20	22	GB/T 1408.1-2006
2	Volume Resistivity	Ω·cm	≥1×10 <sup>14</sup>	2×10 <sup>14</sup>	GB/T 1410-2006
3	Dielectric Constant		2~3	2.3	GB/T 1409-2006
4	Shore Hardness	A	70±5	71	GB/T 531



5	Mechanical Properties				GB/T 528
5.1	Before heat ageing				
	Tensile Strength	MPa	≥4.0	5.5	
	Elongation at break	%	≥200	243	
5.2	After Heat ageing(180°C, 7d)	%	±30	13	
	Tensile Strength Change	%	±30	-22	
	Elongation Change				
6	Low Temperature Elongation(-15°C, 2h)	%	≥20	190	GB/T 2951.4-1997
7	Low Temperature Flexibility(-50°C, 4h)	-	No cracks	No cracks	UL224-2004
8	High Temperature Crack Resistance(155°C, 2h)	-	No cracks	No cracks	GB/T2951.6-1997

## Structure



## Dimensions

LJ Stranded Wire Cross-sectional Area(Nominal)	O.D. Of LJ Stranded Wire(mm)	Silicone Rubber Sleeving Covers Models(mm)
50	9.00	Φ12
70	10.80	Φ12
95	12.48	Φ17
120	14.25	Φ17
150	15.75	Φ20
185	17.50	Φ20



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210	18.75	Φ24.2
240	20.00	Φ24.2
300	22.40	Φ24.2
400	25.90	Φ30
500	29.12	Φ32
630	32.67	Φ35
800	36.90	Φ39.8

LGJ Stranded Wire& LGJF Stranded Wire Cross-sectional Area(Nominal)	O.D. Of LJ Stranded Wire(mm)	Silicone Rubber Sleeving Covers Models ( mm )
35	--	Φ12
50	--	Φ15.6
70/10	11.4	Φ17
70/40	13.6	Φ17
95/15	13.61	Φ17
95/20	13.87	Φ17
95/55	16	Φ17
120/7	14.5	Φ20
120/20	15.07	Φ20
120/25	15.74	Φ20



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120/70	18	Φ20
150/8	16	Φ20
150/20	16.67	Φ20
150/25	17.1	Φ20
150/35	17.5	Φ20
LGJJ-120	15.5	Φ20
LGJJ-150	17.5	Φ20
LGJQ-150	16	Φ20
185/10	18	Φ24.2
185/25	18.9	Φ24.2
185/30	18.88	Φ24.2
185/45	19.6	Φ24.2
210/10	19	Φ24.2
210/25	19.98	Φ24.2
210/35	20.38	Φ24.2
210/50	20.86	Φ24.2
240/30	21.6	Φ24.2
240/40	21.66	Φ24.2
240/55	22.4	Φ24.2
LGJJ-185	19.6	Φ24.2



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LGJJ-240	22.4	Φ24.2
LGJQ-185	18.4	Φ24.2
LGJQ-240	21.6	Φ24.2
400/20	26.91	Φ32
400/25	26.64	Φ32
400/35	26.82	Φ32
400/50	27.63	Φ32
400/65	28	Φ32
400/95	29.14	Φ32
500/35	30	Φ32
500/45	30	Φ32
500/65	30.96	Φ32
800/55	38.4	Φ39.8
800/70	38.58	Φ39.8
800/100	38.58	Φ39.8

## Voltage-Ratings/Wall

Voltage(KV)	≤10KV	≤35KV	≤110KV	≤220KV
Thickness	2.0±0.3mm	2.6±0.4mm	4.0±0.5mm	6.0±1.0mm

<http://www.szvolsun.com>

[E-mail:sales@szvolsun.com](mailto:sales@szvolsun.com)

Add: Bldg.5, Gold Star Fumin Industrial Park, No.413 Mudong Road, Mudu Town, Suzhou, Jiangsu, China



## Application Cases



### Installation Instructions

- Clean the inside of the RUBNS-OLC with cleaning cloth and alcohol fluids until the inside is clean without dust;
- Connect the pointed plastic mouth to the body of RTV silicone rubber adhesive bottle. See illustration 1 above.

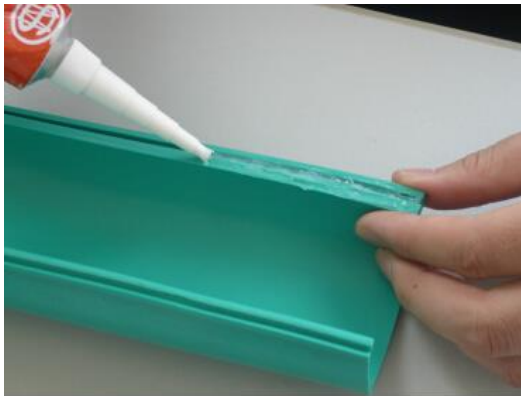


1



2

- Smear RTV silicone rubber adhesive all over the concave channel of the RUBNS-OLC uniformly as showed in illustration 2 above
- Uniformly smear the two flat fringes of the concave channel with RTV silicone rubber adhesive as the illustration 3 shows

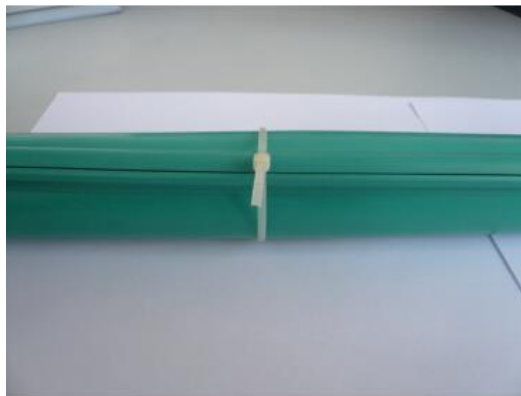


3



4

- Connect the bulging part of the RUBNS-OLC on one side into the concave channel of the other side and squeeze the connecting part from one end to the other as illustration 4 indicates



5



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