

Silicon Rubber Overhead Line Cover

1.Introduce



SR OLC series of silicon rubber overhead line cover is made of special silicon rubber material that with good anti-aging, corrosion resistance,corona resistance, high temperature performance and so on.It is especially suitable for the protection of the bare wire,and widely used in substation protection works and railway catenary system, a significant effect in the cross-lines.The color can be red,green,yellow,white,black,gre,blue.

2.Technical Data

Property	Requirements	Results	Test method
Electrical Strength	≥20kv/mm	22	IEC60243
Volume Resistivity	> 1×10 ¹⁴ Ω·cm	2×10 ¹⁴	IEC60243
Shore Hardness	70±5 Shore A	71	ASTM D2240
Before Heat Ageing			
Tensile Strength	≥4Mpa	5.5	ASTM D2671
Elongation	≥200%	203	ASTM D2671
After Heat Ageing(136℃ 7days)			
Tensile Strength Change	±30	+3	ASTM D2671
Elongation Change	±30	-5	ASTM D2671
Low Temperature Elongation (-15℃, 2h)	≥20%	190	ASTM D2671
High Temperature Crack Resistance (155℃, 2h)	No Cracking	No Cracking	ASTM D2671
Ozone Aging Resistance	No Cracking	No Cracking	ASTM D1171
UV aging resistance	Grade 3-4	4	ASTM G 154

3.Type and Size

Size	ID(mm)	≤10KV	≤36KV	≤110KV	≤220KV
Φ12	12±1.0	2.0±0.3mm	2.6±0.4mm	4.0±0.5mm	6.0±1.0mm
Φ17	17±1.0	2.0±0.3mm	2.6±0.4mm	4.0±0.5mm	6.0±1.0mm
Φ24.2	24.2±1.0	2.0±0.3mm	2.6±0.4mm	4.0±0.5mm	6.0±1.0mm
Φ30	30±1.0	2.0±0.3mm	2.6±0.4mm	4.0±0.5mm	6.0±1.0mm
Φ32	32±1.0	2.0±0.3mm	2.6±0.4mm	4.0±0.5mm	6.0±1.0mm
Φ35	35±1.0	2.0±0.3mm	2.6±0.4mm	4.0±0.5mm	6.0±1.0mm
Φ39.8	39.8±1.0	2.0±0.3mm	2.6±0.4mm	4.0±0.5mm	6.0±1.0mm

Other sizes,length&color can be customized.