

SILICONE OVER HEAD LINE INSULATION SLEEVE

Silicone Over Head Line Insulation Sleeve (SOLIS) is made of silicone rubber and widely applied in transformer station protections or railway catenary system and performs effective in cross line. Easy & quick installation widely used in the electrification railway and naked wire in substation for insulating protection. These covers are designed to insulate existing bare lines without costly conductor replacement expenditure or additional line hardware.

Features

- Prevent short circuit resulted from birds, insects or foreign objects lapping and protect power distribution outer insulation.
- Effectively prevent power failure from short circuit caused by foreign object lapping.
- Significantly delay outdoor metal rusty.



Ordering Reference

Sleeve Diameter SOLIS (mm)	Φ 15	Φ16.5	Φ 20	Φ 24	Φ 32	Φ 35
Suitable up to ACSR Conductor	80 sq.mm	100 sq.mm	150 sq.mm	200 sq.mm	420 sq.mm	560 sq.mm

Technical Data

Sr. No	Properties	Value	Standard
Physical			
1	Tensile Strength	8 N/mm ² (MPA)(Min.)	ASTM D 412-06a
2	Ultimate Elongation	200% (Min.)	ASTM D 412-06a
3	Water Absorption	0.5 % (max.)	ASTM D570
Thermal			
4	Heat Shock (250°C for 30 Mins.)	No Cracking or flowing	ESI 09-11
5	Thermal Aging (120°C, 500h)		
a.	a. Tensile Strength change	6 N/mm ² (MPA)(Min.)	ASTM D 412-06a
b.	b. Elongation at break change	150% (Min.)	ASTM D 412-06a
Electrical			
6	Dielectric Strength	12 kV/mm (min.)	ASTM D149
7	Volume Resistivity	1X10 ¹⁵ Ohm.cm (min.)	ASTM D257