

## OVERHEAD LINE INSULATION SLEEVE (OLIS)

OLIS provides retrofit insulation for overhead conductors to help prevent electrical outages caused by trees or wildlife coming into the contact with distribution lines. It is manufactured from high quality Non Tracking Cross linked Polyolefin material. Easy & quick installation widely used in the electrification railway and naked –wire in substation for insulating protection. These cover are designed to insulate existing bare lines without costly conductor replacement expenditure or additional line hardware.



### Technical Data:

Sr. No	Properties	Value	Standard
<b>Physical</b>			
1	Tensile Strength	11 N/mm <sup>2</sup> (MPA)(min.)	ASTM D 412-06a
2	Ultimate Elongation	375% (Min.)	ASTM D 412-06a
3	Hardness	80 ± 10 Shore A	ASTM D2240
4	Water Absorption	0.5 % (max.)	ASTM D570
<b>Thermal</b>			
5	Thermal Impact	120°C ± 2°C / 4Hrs	No Cracking/Flowing
6	Low Temperature Flexibility	-40°C / 4Hrs	No Cracking/Flowing
<b>Electrical</b>			
7	Dielectric Strength	23 KV/mm. (Min.)	ASTM D149
8	Breakdown Voltage (kV)	45 KV (Min.)	ASTM D149
9	Volume Resistivity	>1 x 10 <sup>14</sup> Ohm.cm	ASTM D257
10	Dielectric Constant	5 (Max.)	ASTM D150

### Order Reference:

Specification	Voltage (kV)	Cross Section of Conductor	Max. Dia. Of Conductor	Normal Length
OLIS-Φ14	1~36KV	Up to 70mm	Φ14mm	20M/roll,
OLIS-Φ18	1~36KV	Up to 185mm	Φ18mm	20M/roll,
OLIS-Φ31	1~36KV	Up to 400mm	Φ31mm	20M/roll,
OLIS-Φ38	1~36KV	Up to 800mm	Φ38mm	20M/roll,