Silicone Interlocking Overhead Line Cover

RoHS REACH Compliance

GALA®
Innovative Insulating Solutions

Gala Silicone Interlocking Overhead Line Covers are made from high quality non-tracking silicone rubber that are designed for field installation over bare conductors. These covers provide a layer of electrical insulation for Phase-to-Phase and Phase-to-Ground protection from bird and animals. The GSIOC provides electrical insulation, UV resistance and tracking resistance. Provide Insulation upto 33 kV.

General Product Properties :

- High Di-electric strength
- Tracking & Erosion resistant
- Excellent UV stabilized & weather resistant
- Operating temperature ranges from -70°C to +180°C
- Prevent Conductor from Chemical corrosion effected by strong acid, alkali, salt etc.
- Halogen free
- Easy to install

Technical Specification*

PROPERTIES	TEST METHOD	TYPICAL VALUE
Physical		
Tensile Strength	ASTM-D-638	4 N/mm^2(Min.)
Elongation	ASTM-D-638	200% (Min.)
Density	ASTM D792	1.10 – 1.45 gm/cm3
Hardness	ASTM D2240	65 ±5 Shore A
Low Temp. Flexibility	ASTM D2671	No Cracking of material at -20 Deg. C for 4 Hrs.
Water Absorption (after 24 Hrs. at 23 Deg. C)	ASTM D570	0.5% (max)
Thermal:		
Thermal Ageing	ASTM-D-2671	150^{0}C for 168 hrs.
Tensile Strength	ASTM-D-638	3.0 N/mm^2(Min.)
Elongation	ASTM-D-638	100% (Min.)
Electrical :		
Di-electric Strength	ASTM-D-149	10 kV / mm (min)
Volume Resistance	ASTM-D-257	1x10^{10} Ohm cm (Min)
Tracking and Erosion Resistance	ASTM-D-2303	No tracking or erosion to top surface or flame failure after 1 hr. at 2.5 kV 1 hr. at 2.75 kV 1 hr. at 2.5 kV 1 hr. at 3.0 kV 20 min. at 3.25 kV

* The above mentioned values are typical analytical values obtained on material when tested as per applicable standards under controlled laboratory conditions and should not be construed as specifications for the product.

Selection Chart:

Gala Code	Conductor Size Sq. mm.	Conductor Size in Dia. (mm)	Thickness (mm)	Packaging (Mtr./Roll)
GSIOC-15	upto 185	upto 15	2.00	15
GSIOC-20	upto 300	upto 20	2.00	15

DVMEK SINCE 1979 IAF eiaCI 085-CB-QMS
An ISO 9001, ISO 14001 & ISO 45001:2018 Certified Company

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