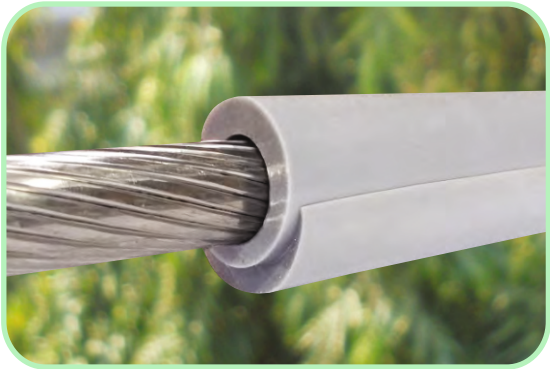
Silicone Overhead Line Cover

GALA®
Innovative Insulating Solutions



Gala Silicone 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 GSOC provides electrical insulation, UV resistance and tracking resistance. Silicone Self-fusing Tape can be applied on it for better insulation. An installation tool is available, making installation effortless and simple

Features & Benefits :

- Excellent UV and Ozone resistance.
- Excellent Tracking resistance.
- Highly Flame Retardant and Good Di-electric strength.
- Protection for leads and jumpers.
- Highly flexible silicone tubing makes application easy.
- Helps in reducing the phase to phase, phase to ground clearance.
- Provides Insulation Enhancement upto 765 kV.

Installation Tool

Technical Specification*

PROPERTIES	TEST METHOD	TYPICAL VALUE
Physical :		
Tensile Strength	ASTM-D-638	7N/mm^2(Min.)
Elongation	ASTM-D-638	300% (Min.)
Water Absorption	ASTM-D-570	0.5 (Max)
Low Temp. Install at 0°C	-	Installable without difficulty
Thermal :		
Air Ageing	ASTM-D-2671	150°C for 168 hrs.
Tensile Strength	ASTM-D-638	3.5 N/mm^2 (Min.)
Elongation	ASTM-D-638	150% (Min.)
Max operating temp	IEC 216	180°C
Electrical :		
Di-electric Strength	ASTM-D-149	>210 kV / cm
Volume Resistance	ASTM-D-257	1x10^{13} 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 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:

GSOC-M (Upto 12kV)

Gala Code	Conductor Dia. (mm)	Thickness (mm)	Packaging (Mtr./Roll)
GSOC-M-15	upto 15	2.0	15
GSOC-M-20	upto 20	2.0	15
GSOC-M-24	upto 24	2.0	15
GSOC-M-28	upto 28	2.0	15
GSOC-M-32	upto 32	2.0	15
GSOC-M-38	upto 38	2.0	15

GSOC-H (Upto 36kV)

Gala Code	Conductor Dia. (mm)	Thickness (mm)	Packaging (Mtr./Roll)
GSOC-H-15	upto 15	2.7	15
GSOC-H-20	upto 20	2.7	15
GSOC-H-24	upto 24	2.7	15
GSOC-H-28	upto 28	2.7	15
GSOC-H-32	upto 32	2.7	15
GSOC-H-38	upto 38	2.7	15

GSOC-H3 (Upto 36kV)

Gala Code	Conductor Dia. (mm)	Thickness (mm)	Packaging (Mtr./Roll)
GSOC-H3-15	upto 15	3.0	15
GSOC-H3-20	upto 20	3.0	15
GSOC-H3-24	upto 24	3.0	15
GSOC-H3-28	upto 28	3.0	15
GSOC-H3-32	upto 32	3.0	15
GSOC-H3-38	upto 38	3.0	15

GSOC-EH (Upto 765kV)

Gala Code	Conductor Dia. (mm)	Thickness (mm)	Packaging (Mtr./Roll)
GSOC-EH-15	upto 15	5.0	15
GSOC-EH-20	upto 20	5.0	15
GSOC-EH-24	upto 24	5.0	15
GSOC-EH-28	upto 28	5.0	15
GSOC-EH-32	upto 32	5.0	15
GSOC-EH-38	upto 38	5.0	15

*Self Fusing Silicone Tape Dimension in mm. 63.5 (width) x 0.76 (T)
* Self fusing tape required quantity depends on the conducor size

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An ISO 9001, ISO 14001 & ISO 45001:2018 Certified Company

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