



Quality Tools, Equipment & Line Materials for the Energy Industry.



SILGLASS® Insulators



Factory Applied RTV Silicone Coating



SILGLASS® Insulators are made using SiCOAT® RTV Silicone HVIC Technologies by CSL

THE SMART-VALUE SOLUTION

Silicone-coated insulators offer an excellent alternative which guarantees optimum performance for high voltage overhead lines in areas with heavy pollution. They minimise leaking currents and thereby reduce operation and maintenance costs.

The product used to coat the insulators is Room Temperature Vulcanization (RTV) silicone which contains mineral fillers embedded in the silicone itself. SILGLASS® insulators are made using Si-COAT® RTV Silicone HVIC Technologies by CSL Silicones Inc.

This silicone increases the hydrophobic nature of the insulator's surface, with a Lotus leaf effect, thereby improving its performance in polluted areas. Furthermore, the fillers absorb the energy of any possible electric arcs and serve to protect the integrity of the coating.

Silicone-coated insulators are an economical solution because they eliminate the need to regularly clean glass insulators whilst still maintaining the mechanical reliability that glass suspension insulators have demonstrated over the years.

Industrial application: pre-coated insulators:

The inherent characteristics of an industrial process and the quality and process controls performed in LGI exceed far beyond the most demanding requirements of the RTV silicone application guide.

The industrial application allows even and homogeneous coating thickness, minimizing waste of material and ensuring an excellent adherence to the glass surface. This translates into a long service life.

Silicone-coated insulators are the results of bringing together high quality insulator technology and high performance silicone, combined by the most advanced application technology. It has the heritage of mechanical reliability together with excellent performance against pollution.

This is a fantastic solution being utilised more and more on a large scale in the world's main Transmission and Distribution Networks.

SHIPPING - SPECIAL CARE IS TAKEN



Insulators are packed in short strings inside wooden crates which are custom-made for each model. The crates also have a plastic strap or band to guarantee stability and easy handling. LGI has a reinforced packing system that provides additional protection appropriate for their surface treatment. Special care is taken during the transport and storage of these products.