

**SEDIVER**

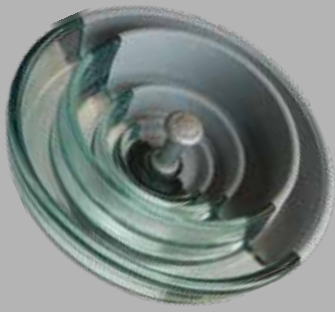
**SEDICOAT  
BY SEDIVER®**



**RTV FACTORY COATED  
TOUGHENED GLASS INSULATOR  
FOR POLLUTED ENVIRONMENTS**

Experts & Pioneers

WORLDWIDE - 2024



# SEDICOAT

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## BY SEDIVER

## RTV FACTORY COATED TOUGHENED GLASS INSULATOR FOR POLLUTED ENVIRONMENTS



### RTV silicone coating

- ◆ **Hydrophobic, water-repellent properties** that improve insulator performance under pollution.
- ◆ **No need** to wash insulators regularly.
- ◆ **Reduced risk of flashover** due to pollution.
- ◆ **Fully coated insulators** generally necessary for insulator strings in **very heavy pollution** environments, **under coated insulators in medium and heavy pollution areas.**



Under coated



Fully coated



### High quality toughened glass

- ◆ **A Sediver® glass insulator lifetime** equal to or greater than that of conductors, hardware and structures.
- ◆ **Binary behaviour:** infallible visual inspection, no risk of installing a damaged unit.
- ◆ **High residual mechanical strength:** no urgent need to replace an insulator that has a broken glass shell.
- ◆ **Safe live-line** maintenance operations.



### Factory controlled application process

- ◆ Incoming inspection and material testing in our chemistry laboratory to **verify the consistency and quality of the RTV silicone coating** prior to processing.
- ◆ Before application of the silicone coating, special cleaning and preparation of the dielectric shell surface to **ensure perfect bonding.**
- ◆ Coating applied using a **fully automated factory process to ensure a stable high quality coating application** in terms of the **thickness, homogeneity, bonding and visual appearance** of finished products.
- ◆ **Controlled environmental conditions** (humidity and temperature) to ensure optimum curing.
- ◆ Sample testing of each batch to **verify compliance with Sediver acceptance criteria for visual appearance, bonding, thickness and hydrophobicity.**
- ◆ Factory coating process to **reduce silicone loss and prevent release into the environment.**
- ◆ **Customised Sediver packing system and guidance for handling and assembly** to avoid damaging the silicone.



### Sediver field experience

- ◆ **Over 25 years** of field experience and proven performance.
- ◆ **Over 4.5 million** insulators in service.

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