PPC Insulators

RTV Silicone Coating

High voltage insulator coating services for highly polluted and humid environments

www.ppcinsulators.com
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Our Recommendation for Contamination

PPC offers a range of solutions for insulators installed in highly polluted areas. PPC insulators coated with RTV Silicone have increased electrical performance, with reduced corona effects and flashovers.

Preventing Flashovers

RTV Coated Insulators provide a hydrophobic surface, limiting known causes of flashovers such as conductive water filming and leakage currents. Flashovers occur much more frequently in polluted environments like those found in coastal, industrial, and desert areas. The hydrophobic properties of PPC’s RTV silicone coated insulators prevent conductive water filming by causing water to bead up on the insulator surface, eliminating a path for leakage current formation.

RTV Silicone Coating Benefits

- Suppression of leakage current, discharges, and pollution flashover
- Long-term hydrophobicity with a 15-year lifecycle
- Reduces maintenance costs and shutdowns for washing or greasing
- Excellent self-cleaning characteristics
- Nontoxic, environmentally friendly material
- 10-Year limited warranty

An Option For All Applications

PPC offers a wide range of coating services:

- Precoated insulators shipped directly to customers
- Field coating services for existing substations

Learn More

Contact your local sales representative or contact PPC at: customerservice.usa@ppcinsulators.com or customerservice.canada@ppcinsulators.com

1 Product Life will vary based on environment
2 Terms Apply please contact PPC for details