



RTV SILICONE COATING FOR ELECTRICAL INSULATORS

Improving Reliability in
Contaminated Environments

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Problems in Polluted Insulators

- Dust and pollution increase leakage current
- Moisture can reduce insulation performance
- Flashovers may cause shutdowns
- Frequent cleaning increases maintenance cost

RTV coating helps improve insulator performance in harsh environments.



What is RTV Silicone Coating?

RTV silicone coating is a protective hydrophobic coating applied on insulators to reduce contamination-related flashovers and improve long-term reliability. Supported by a talented team and a client-centered approach, we are committed to redefining interior spaces with both excellence and efficiency.

- Hydrophobic protection
- Improved insulation performance
- Suitable for polluted environments



RTV Coating Application Process

- Surface inspection
- Cleaning of insulator
- Surface preparation
- RTV coating application
- Final inspection

Proper application ensures long-term coating performance.

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Visible Improvement After RTV Coating

RTV coating creates a hydrophobic protective layer that helps reduce contamination effects and improves reliability.



Benefits of RTV Silicone Coating

- Improved hydrophobicity
- Reduced maintenance frequency
- Better reliability
- Lower flashover risk
- Increased service life
- Suitable for harsh environments

Professional inspection and testing help maintain coating consistency and performance.



RTV Coating Project Experience

Agile Microsys Pvt. Ltd. provides RTV silicone coating solutions for substations and industrial electrical systems using professional application practices and quality materials

- Railway projects
- Industrial projects
- Outdoor switchyard applications





Contact Us

Enhance the Reliability of Your Electrical Insulators with Professional RTV Silicone Coating Solutions.

Agile Microsys Pvt. Ltd.

Services:

- RTV Silicone Coating
- Thermal Imaging Inspection
- Online Thermal Monitoring
- SDT Ultrasound Inspection
- Anti-Corrosion Coating Solutions



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