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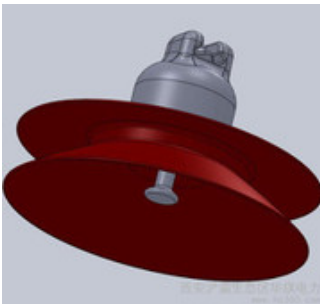
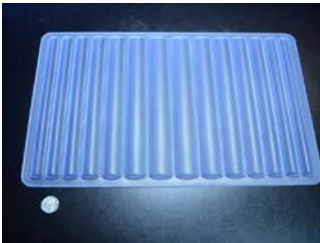
Chapter 1

Composite Insulator Definition

1.13 Silicone Rubber Coating

By Orient Power

Silicone Rubber Coating



Orient Power

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The properties of Silicone rubber coating

- ◆ Thermal resistance
- ◆ Bonding properties
- ◆ Mechanical properties
- ◆ Expansion
- ◆ Release properties
- ◆ Permeability to Gas and Water-Vapor
- ◆ Chemical Resistance
- ◆ Radiation Resistance
- ◆ Flame Resistance
- ◆ Optical Properties

Silicone rubber coating application

High performance coatings are used preserve and protect a multitude of different materials including masonry, ceramic, metals, plastics and wood.

For example, the usage of Silicone rubber coating for ceramic insulator

Ceramic insulators may severe a certain degree of pollution which may reduce their surface resistance. Application of Room Temperature Vulcanize (RTV) silicone rubber for improving the performance of ceramic outdoor insulator high voltage is to overcome the effect of environmental pollution, especially in tropical climate.