

SÄKAPHEN® SAEKA-Silicone Grease 81.750 for High Voltage Insulators

Product description:

SAEKA-Silicone Grease 81.750 prevents the formation of a continuous water film on insulators in areas with very high humidity and high dust contamination and thus protects against flash overs and destruction. Furthermore, in areas polluted with flue-ashes or salts, the additional protection of surfaces with SAEKA-Silicone Grease 81.750 is essential.

SAEKA-Silicone Grease 81.750 is applied with a soft brush or cloth to an approximate thickness of 0.3mm (300 microns) and then fully polished until the surface is non-stick and almost shiny. For the cleaning of ceramic and resin insulators, use in conjunction with SAEKA-Cleaning Paste 80.750 and SAEKA-Cleaning Paste 83.750, respectively.

SAEKA-Silicone Grease 81.750 is solvent free and contains physiologically harmless greases. The product is non-hazardous, no special equipment or extensive Personal Protection Equipment (PPE) is needed during the application process.

Filling weight: 750 g

Fields of application:

SAEKA-Silicone Grease 81.750 is the dirt repellent sealer of the SÄKAPHEN Cleaning System, for enhanced protection in highly contaminated areas.

Practical test results:

Properties of the protection film after cleaning and sealing

Density at 20° C	approx. 1 g / cm 3
Flame point	> 300°C
Drop point up to 220° C acc. to Ubbelohde	no drop point
Acid value	approx. 0.5
Dielectric constant	about 3.0 at approx. 50 Hz and 20°C
Specific resistance 20° C	10 ¹⁵ cm
Dielectric loss factor tan at 20°C	less than 0.002
Disruptive strength at 50 Hz and 20° C	approx. 100 KV / cm
Ash content	33%
Solidification point	approx. -40° C
Weight loss after 30 hrs. of heating to 200° C	less than 3 %