

Carbon Conductive Assembly Paste

847



The 847 Carbon Conductive Assembly Paste is an electrically conductive, non-bleeding grease for improving electrical connections between non-moving surfaces and parts. It inhibits corrosion, is economical, has a wide operating temperature range, long service life, and does not contain silicone.

- Improves electrical connections between irregular surfaces
- Ensures electrical contact between loose or vibrating parts and small gaps
- Resistivity of 82 Ω·cm
- Does not separate or bleed, even at high temperatures
- Contains special corrosion inhibiting compounds

Applications & Usages:

The conductive paste performance depends on mainly on surface preparation. Improperly prepared contact surfaces can degrade the paste’s stability, conductivity, and lubrication characteristics. While the thickness and coverage are also important, the application method itself can easily be adjusted according to performance and application needs. For detailed instructions refer to the [847 TDS](#).

Specifications

Shelf Life	5 year
Maximum Coverage for 25 mm (1.0 mil) thickness	<11,400 cm ² (<12 ft ²)
Storage Temperature Limits	-40 to +40 °C (-40 to +104 °F)
Service Temperature	-45 to +175 °C (-49 to +347 °F)
Maximum Withstand Temperature	+210 °C [+410 °F]
Volume Resistivity	82 ohm·cm
Volume Conductivity	0.012 S/cm
Surface Resistivity	271 ohm/sq
Surface Conductivity	0.037 S/sq
Color	Black
Odor	Odorless
Density @25 °C	1.38 g/mL
Oil Viscosity Index	>110
Viscosity	Paste-like
Pour Point	≥ -34 °C
Fire Point	~ 300 °C
Flash Point	> 280 °C
Lubricant	Yes (if above -23 °C)
Bleed Resistant	Yes
Run Resistant	Yes
Corrosive	No

Available Sizes

847-40G	40 g (0.09 lb)	Paste
847-1P	650 g (1.4 lb)	Paste
847-1G	5.2 kg (11.5 lb)	Paste