



INTRODUCES...

CARBON CONDUCTIVE ASSEMBLY PASTE

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.



Benefits & Features

- 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

Cat. No.	Sizes Available	Description
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

APPLICATION AND STORAGE CONDITIONS

Properties	Value
Shelf Life	5 year
Maximum coverage for 25 μ m [1.0 mil] thickness	<11 400 cm ² [<12 ft ²]
Storage Temperature Limits	-40 to +40 °C [-40 to +104°F]

TEMPERATURE SERVICE RANGES

Properties	Value
Service Temperature	-45 to +175 °C [-49 to +347 °F]
Maximum Withstand Temperature (20 min)	+210 °C [+410 °F]

ELECTRIC PROPERTIES

Properties	Value
Volume resistivity	82 ohm-cm
Volume Conductivity	0.012 S/cm
Surface resistivity	271 ohm/sq
Surface Conductivity	0.037 S/sq

PHYSICAL PROPERTIES

Properties	Value
Color	Black
Odor	Odorless
Density @25 °C	1.38 g/mL
Oil viscosity index a,b)	>110
Viscosity	Paste-Like
Pour Point a)	\geq -34 °C [\geq 90 °F]
Fire Point a)	\sim 300 °C [\sim 572 °F]
Flash Point a)	>280 °C [536 °F]
Lubricant	Yes (if above -23 °C)
Bleed resistant	Yes
Run resistant	Yes
Corrosive	No