

Carbon Conductive Assembly Paste

847 is a silicone-free conductive paste that improves electrical connections between non-moving parts. It will not separate, bleed or migrate. This electrically conductive paste reduces contact resistance, repels moisture, inhibits corrosion, and prevents static buildup.

Use 847 when you need an electrical contact with environmental protection. It is excellent for use on ground connections, battery terminals, bus bars, single pole jacks, slide connectors, HVAC connections, speaker posts, and fluorescent light pins.



Features & Benefits

- Improves electrical connections between irregular, pitted or corroded surfaces
- Ensures electrical contact between loose or vibrating parts
- Prevents arcing, pitting, hotspots and welds
- Inhibits corrosion
- Fills gaps and can be used on vertical surfaces

Storage and Handling

Store between 0 and 27 °C in a dry area, away from sunlight (see SDS).

Available Packaging

Part #	Package	Net Vol.	Net Wt.
847-25ML	Jar	25 mL	26.8 g
847-1P	Jar	466 mL	500 g
847-1G	Pail	3.78 L	4.05 kg
847-18.9L	Pail	18.9 L	20.2 kg

Properties

Color	Black	—
Filler	Carbon, graphite	—
Base Material	Synthetic oil	—
Density	1.1 g/mL	ASTM D1475
Resistivity	23 Ω·cm	GUIDE ENG V02
Evaporation Loss, 22 h @ 165 °C	0.3 %	ASTM D2595
Oil Separation, 30 h @ 165 °C	1.8 %	ASTM D6184
Dropping Point	>304 °C	ASTM D2265
Worked Penetration, ½ scale	174	ASTM D1403
Water Washout @ 38 °C	0.2 %	ASTM D1264
Bearing Dried @ 77 °C		
Emcor Rust Test, DI Water		
Bearing A	3	IP 220
Service Temperature Range	-70–165 °C	—
Shelf Life	5 y	—

Disclaimer: This information is believed to be accurate. It is intended for professional end-users who have the skills required to evaluate and use the data properly. M.G. Chemicals Ltd. does not guarantee the accuracy of the data and assumes no liability in connection with damages incurred while using it.