



## A NEW FORCE IN CHEMICAL MANUFACTURING

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# TECHNICAL DATA SHEET

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## PRODUCT NAME

R006 Electrically Conductive Carbon Grease

## PRODUCT RANGE

Part Number	Available Size
CT-R006-20G-S10-PT	10cc Syringe and dispensing tips
CT-R006-50G-S30-PT	30cc Syringe and dispensing tips
CT-R006-450	450 Gram Cartridges
CT-R006-1KG	1 Kilo Pail
CT-R006-4KG	4 Kilo Pail



Refer to SDS for product safety guidelines

## R006 Electrically Conductive Carbon Grease

Chemtools® R006 Electrically Conductive grease is a non-bleeding grease that is formulated to improve electrical connections between non-moving mating surfaces. R006 relies on proprietary carbon filler, rather than traditional metallic particles, for its electrical conductivity. It is economical and has excellent corrosion prevention properties. R006 is typically used as a ground and is particularly useful when trying to drain static electricity away from moving objects. R006 will also prevent corrosion in electrical connectors from low micro-power electronics to high voltage switchgear; it will also prevent the formation of oxides, sulphides and other corrosion deposits on copper and aluminium surfaces.

### Common uses:

- Electrical contacts
- Conveyor belt bearings
- Ball bearings in electrical and computer fans
- Battery terminals
- Toner cartridges
- Aerial cable
- Bolted connections
- Electrical conduit & Junction boxes
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### Features & Benefits

- High resistance to water washout
- High dropping point
- High Rust resistance
- Improves electrical connections between irregular surfaces
- Will not separate or bleed

**TYPICAL SPECIFICATION**

Base	Silicone
Colour	Black
Appearance	Smooth Paste
Service Temperature	-40°C to +300°C
Operation temperature (long term)	-20°C to +200°C

**SHELF LIFE:**

>3 years (Please refer to storage conditions below)

**DIRECTIONS FOR USE:**

Clean all surfaces before use. For optimal performance apply a liberal coating of grease to fixtures, fasteners, pipes, screws, nuts, bolts and anywhere it can be used. Ensure good coverage. The surface of all components should be free of dirt, contaminants and old grease.

**STORAGE:**

Store in a cool, dry place, in tightly closed original containers at a room temperature between 5°C and 40°C. Do not place in direct sunlight or near any heat source. Do not return any used material to its original container.

**DISPOSAL:**

All products should be disposed of in accordance with local regulations.

**PRECAUTIONS:**

This product generally present little hazard in normal handling if ordinary care is exercised. If spilled, cover with inert, absorbent material and remove. Flush the area with water. None of these materials should be used, stored, or transported until the handling precautions and recommendations as stated in the Safety Data Sheets (SDS) for this and all other products being used are understood by all persons who will work with the material.

**WARRANTY:**

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