



SILCOTEC

High Consistency Silicone Compounds

Conductive/Insulating

Revision date: July 2012

Conductive/Insulating Silicone Compounds

SCT's conductive/insulating silicone compounds are designed to act as insulators or conductors depending on the end application. These compounds are ideal to use in wiring & cable as well as high voltage insulators, among other applications where electrical and/or thermal conductive/insulating behavior is desired.

General Description

- HCR compounds. (additives/modifiers available)
- Curing systems: addition, high temperature peroxide, low temperature peroxide
- Heat stable and flame retardant properties, UL 94 V-0 qualified raw materials
- Color: standard, Pantone®, RAL, custom
- FDA compliant for medical and food contact

Applications & Advantages

Conductive Compounds		Insulating Compounds	
Thermally	Electrically	Thermally	Electrically
Interphase pads Baby teethers	Gaskets Connectors	Insulating pads Construction & outdoors	High-voltage electric Insulators
↓	↓	↓	↓
Good heat transfer	Electric dissipation Anti-static behavior	Good weather resistance Reduce maintenance costs	Arcing and flashover protection

Preform and Packaging

- Bulk, sheets, coils
- Regular boxes (50 Lbs)
- Other preforms/packaging options available upon request