



SILCOTEC

High Consistency Silicone Compounds

Fuel, Oil & Chemical Resistant

Revision date: July 2012

Fuel, Oil & Chemical Resistant Silicone Compounds

SCT's fuel, oil & chemical resistant silicone compounds are designed to maintain their properties upon exposure to several types of fuel, oils and chemicals. These compounds are exceptional to use in hoses, seals, O-rings and other applications where contact with such fluids is likely.

General Description

- HCR Compounds: fluorosilicone, general purpose, low temperature, and blends
- Curing systems: addition, high temperature peroxide, low temperature peroxide
- In-house/external testing per ASTM testing standards
- Heat stable and flame retardant properties, UL 94 V-0 qualified raw materials
- Color: standard, Pantone®, RAL, custom

Common fuels, oils & chemicals

Fluid	Description
SAE Ester Test Fluid #2	Aerospace/Automotive Fluid
SAE Phosphate Ester test fluid #1A	Aerospace/Automotive Fluid
Renodraw 137EC-1	Chlorinated Paraffin
AMS 3021	Di-Ester (Polyol)
IRM 902 / ASTM Oil #2	Heavy Hydrotreated Naphthenic Distillates
IRM 903 / ASTM Oil #3	Heavy Hydrotreated Naphthenic Distillates
IRM 901 / ASTM Oil #1	Heavy Paraffinic Petroleum Oil
TTS-735 Type III	Isooctane/Toluene
TTS-735 Type II	Isooctane/Toluene/p-Xylene
AMS 2629	Jet Fuel RF
ASTM SF105 / SAE 5W-30	Motor Oil
ASTM D 471 / Reference Fluid B	Isooctane/Toluene
ASTM #101	Service Fluid
Caterpillar TDTO 10W Oil	Transmission/Drive Train Oil
Water	Water

Preform and Packaging

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