

US-TC-9015

Silicone Rubberized Thermally Conductive Coating

US-TC-9015 is a fast cure RTV rubberized silicone for thermally conductive applications. Adheres well to metals and composite substrated.

Product Features

- Abrasion resistance
- Sprayable
- Excellent adhesion to metal and composite

Typical Applications

- Solar unit fabrication
- Automotive and specialty assembly heat transfer

Color: Gray

Service Temperature: -65°C to 260°C

Typical Properties

Viscosity, cps:	8,000
Specific Gravity:	1.25
Consistency:	light paste
Dielectric Strength:	225 volts/mil
Thermal conductivity:	0.63
Tack time:	20 minutes
Durometer, Shore A:	38
Coefficient of Thermal Expansion:	-5

Fully Cured 72 Hours at Room Temperature

Method of Application: Rolled, sprayed or brushed.

Solids: 50% solids, contains no VOC solvents

Curing. Cure speed can be accelerated with increased humidity to very rapid cures exhibiting surprisingly fast adhesion. Typical utilization involves dispensing in open air and ambient humidity to result in a durable adhesive rubber coating.

Limitations: None

Packaging: Available in 1 and 5 gallon containers. This product is also available in customer defined packaging sizes, upon request.

Handling and safety: For maximum shelf life, keep containers sealed when not in use. Keep out of the reach of children. Uncured sealant can irritate eyes and skin. Refer to MSDS.

Shelf-life: Sealed containers guaranteed for 1 years from the ship date when stored in a cool dry area below 70°F.