

SILICONE SOLUTIONS

1670-C Enterprise Parkway
Twinsburg, Ohio 44087

Phone (330) 405-4595

Fax (330) 405-4596

SS-3001

Product Description

SS-3001 is a fast cure silicone RTV rubber developed for spray coating applications. SS-3001 is a 1-Part silicone that when cured enables sound dampening properties in a fireproof rubber coating. SS-3001 works well in manual and automatic spraying equipment.

Product Features

- ◆ Fireproof
- ◆ Fast room temperature cure
- ◆ Exceptional abrasion resistance
- ◆ Sprayable
- ◆ Excellent adhesion to metal and composite substrates
- ◆ Temperature range -40 to 260C

Typical Applications

- ◆ Vehicle undercoating
- ◆ Aircraft interiors noise reduction
- ◆ Vehicle interior sound dampening

Packaging

SS-3001 is available in 40 lb. pails and 400 lb. drums. This product is also available in customer defined packaging sizes, upon request.

Sound Dampening Silicone Rubber Undercoating

Typical Properties

UNCURED

Color	Black
Viscosity, cps	200,000
Specific Gravity	1.12
Consistency :	thick liquid
Working time, mins @ R.T.:	20 mins.

CURED -

Cured -	
Tensile Strength, PSI	300
Elongation, %	260
Durometer, Shore A	38
Peel Strength, PPI	40

SOUND DAMPENING

SAE J1400 – Airborne sound barrier test	
0.020 thick	43db

FIRE RESISTANCE

MIL-PRF-24596	
0.020	pass

CHIP RESISTANCE

ASTM D3170	pass
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ABRASION/EROSION

ASTM D3359	pass
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Application

Apply two coats of 25 mils. Allow to cure 24hrs. prior to use.

Storage

Containers must be kept sealed, dry and away from moisture prior to use.

Chemical Cure System

Condensation Cure System

Solids

>50% solids, contains no VOC solvents

Limitations

Do not use product on automotive head gaskets or fuel immersion applications. Allow to fully cure before putting assembly into service. Ensure enough product remains between flanges or parts to be bonded to be effective in an assembly.

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 are guaranteed for 1 year from the ship date when stored in a cool dry area below 70 F.

Limited warranty

All recommendations, statements and technical data herein are based on tests we believe to be reliable and correct, but accuracy and completeness of said tests are not guaranteed and are not to be construed as warranty, either expressed or implied. User shall rely on his own information and tests to determine suitability of the product for the intended use, and the user assumes all risk and liability resulting from the use of this product. Manufacturer's sole responsibility shall be to replace that portion of product of the manufacturer proves to be defective. Manufacturer shall not be liable to the buyer or any third party for injury, loss or damage directly or indirectly resulting from the use of, or inability to use, the product. Recommendations or statements other than those contained in a written agreement signed by an officer of the manufacturer shall not be binding by the manufacturer.

This product has not been tested for, and is therefore not recommended for, uses for which prolonged contact with mucous membranes, abraded skin, or blood is intended; or for uses which implantation within the human body is intended.

**** Customized versions available upon request ****