

SILICONE SOLUTIONS

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SS-36

Product Description

SS-36 is a fast curing silicone RTV adhesive rubber developed for wet bonding applications. SS-36 is a 1 part silicone adhesive that when applied to wet or dry substrates allows handling of the bonded assembly within an hour. When cured, the elastomer resists weathering, ozone, moisture, UV and high temperatures. SS-36 works well in manual and automatic dispensing equipment.

Product Features

- ◆ Bonds to WET substrates
- ◆ Fast R.T. cure
- ◆ Excellent unprimed adhesion to many plastics, metal, wood and glass
- ◆ Rapid onset of adhesion
- ◆ Non-corrosive oxime cure
- ◆ Thixotropic paste

Color: Gray

(custom colors available upon request)

Typical Applications

- ◆ Cement and Masonry Sealant
- ◆ Construction Adhesive
- ◆ Industrial Assembly in Wet or Rainy Environments

Fast Cure Wet Bonding Silicone RTV Adhesive Sealant

Typical Properties

UNCURED

Viscosity, cps	400,000
Specific Gravity	1.28
Consistency :	thixotropic paste
Working time, mins. @ R.T.:	8
Tack Free Time, mins. @ R.T.:	20
Application Rate, 90 PSI, g/min. 3mm orifice @ 0.6 MPa	400

CURED - R.T.

Cured -72 Hrs. @ R.T.

Tensile Strength, PSI	275
Elongation, %	350
Durometer, Shore A	35
Peel Strength, PPI	20

Method of Application

Dispense sealant onto part and mate parts. Be sure not to squeeze all of the product out of flange assembly. Allow to cure.

Chemical cure system

Oxime cure system

Curing

Cure speed can be accelerated with heat and increased humidity to very rapid cures exhibiting surprisingly fast adhesion. Typical utilization involves dispensing in open air and after exposure to ambient humidity, a room temperature cured elastomer with high adhesive properties is formed.

Packaging

SS-36 is available in 10.3 oz. cartridges and 50 lb. pails. This product is also available in customer defined packaging sizes upon request.

Solids

98% solids

Adhesion

Primerless adhesion to most plastics, metals and typical substrates.

Service temperature

-65 to 200 C continuous

Limitations

Allow to fully cure before putting assembly into service. Ensure enough product remains between parts to be effective in an adhesive assembly.

Handling and safety

For maximum shelf life, keep containers sealed when not in use. Keep out of the reach of children. Uncured sealant irritates 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 applied. 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 ****