



Clear RTV Silicone

Technical Data Sheet

Rev 01/22

PRODUCT DESCRIPTION: A silicone adhesive/sealant compound for sealing, caulking, bonding and making gaskets. Clear Silicone is a general purpose, single component, room temperature vulcanizing (RTV) compound designed for sealing of mechanical assemblies. Once cured this non-sagging silicone rubber forms a tough, flexible, waterproof seal that resists aging and weathering without hardening, shrinking or cracking. Clear Silicone cures on exposure to moisture in the air.
OEM (Original Equipment Manufacturer) approved.

WORKS BEST ON: Metal, glass, wood, plastic, silicone resin, vulcanized silicone rubber, ceramics, natural and synthetic fiber, painted surfaces, concrete and rubber. Good for weather-proofing electrical components and sealing glass. Clear silicone makes form-in-place gaskets; use to replace cork, paper, felt and rubber gaskets. Bonds, seals, repairs, mends and secures lens housing, windshields, windows, door frames, vinyl tops, pvc piping, fiberglass, tiles/fixtures. Does not bond to polyethylene or polypropylene plastics. Is not mildew resistant. Do not use on any surfaces that will be painted (complete all painting before applying silicone).

PRODUCT FEATURES:

Tensile Strength: 310

psi Color: Clear

Non-Flammable

Working Time: 10-15

minutes Can be Handled In:

30 minutes

Full Bond: 12 - 24 hours (Cure times vary with temperature, humidity and gap)

Temperature Range: Flexible from -76°F to +350°F and up to 450 °F intermittent

Chemical Solvent Resistance: Automotive fluids such as motor oil, gasoline, brake fluids, transmission fluids, grease, alcohol and antifreeze mixtures

Storage: Store room temperature in unopened container.

SURFACE PREPARATION: Thoroughly clean all surfaces of grease, oil, traces of paint, dust, etc. with a cleaning solvent and allow to dry.

REMOVAL METHODS: (test inconspicuous area of item to be sure chemicals do not harm surface) Before Cure: Wipe up excess. Solvents that can be used are isopropyl alcohol or acetone.

After Cure:

Metal/Ceramic/Glass: use a safety razor and cut at the bond line.

Fabric: Light surface adhesion on fabric may be removed by peeling. Where imbedded in fabric, may not be able to remove.

Wood: Peel off.

HELPFUL HINTS: Removable tape is good for putting on an area that you don't want any silicone to get on. Before the silicone cures, remove the tape.

RTV means room temperature vulcanization - it simply means that the product cures under every day average conditions of temperature and humidity. Very dry or very cold conditions can slow the cure; the product cures under just about every temperature and humidity condition on the planet.

See MSDS for more complete information, safe handling instructions and first aid.

Non-Regulated

Part Numbers: 12007, 12045, 25045, 73009

The technical data contained herein are intended as a reference only