



Clear RTV Silicone

Technical Data Sheet

Rev 01/22

PRODUCT DESCRIPTION: A silicone adhesive/sealant compound for sealing, caulking, and bonding. Clear Silicone is a general purpose, single component, room temperature vulcanizing (RTV) compound designed for sealing. 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.

WORKS BEST: 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 (not for installation). Bonds, seals, repairs, mends and secures lens housing, windshields (not for installation), windows, door frames, vinyl tops, pvc piping, fiberglass, tiles/fixtures. Does not bond to polyethylene or polypropylene plastics. The cured product is not mildew resistant. Do not use on any surfaces that will be painted (complete all painting before applying silicone).

PRODUCT FEATURES:

Tensile Strength: >200 psi

Color: Clear

Non-Flammable

Working Time: 10-15 minutes

Can be Handled In: 60 minutes

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

Temperature Range: Flexible from -76°F to 400°F and up to 500°F intermittent

Chemical Solvent Resistance: oil, water, water, and antifreeze mixtures

Storage: Store at room temperature in unopened container.

THIS PRODUCT IS NOT RECOMMENDED FOR AUTOMOTIVE GASKETING AND IT IS NOT RESISTANT TO GAS.

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

REMOVAL METHODS: (test inconspicuous area of item to be sure chemicals do not harm surface)

Before Cure: Wipe up excess with a clean cloth and wipe clean with a solvent such as mineral spirits or lacquer thinner.

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, cured product may not be removable.

Wood: Peel off excess.

HELPFUL HINTS: Use masking or painters tape to protect areas from silicone contamination. Remove the tape before the silicone cures.

RTV means room temperature vulcanization. The product cures under average conditions of temperature and humidity. Very dry and/or very cold conditions will increase the product cure time.

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

Part Numbers: 12007, 12045, 25045, 73009



The technical data contained herein are intended as a reference only