

#1212 RTV SILICONE SEALANT LIQUID GASKET LOW VOLATILE

This oxime sealant is a non-slump, one-part silicone rubber that cures to be a tough, rubbery solid upon exposure to moisture in the air. This sealant is primarily used as a general purpose sealing and bonding agent as a space-filling rubber adhesive or formed-in-place gasket. It adheres to clean metal, glass, most types of non-oily woods, silicone resin, vulcanized silicone rubber, ceramic, natural or synthetic fiber and many painted and plastic surfaces. Fully cured, the sealant stays rubbery at temperatures of -62°C (-80°F) to 177°C (350°F).

BENEFITS

Improved Reliability

- Primer-less—can be used with many materials without the use of a primer
- Noncorrosive – will not react with or corrode common building materials
- Fast Cure – 5 to 10 minutes tooling time and 15 minutes tack-free time
- Pleasant odor
- All-temperature gunnability – consistency is unchanged from -37 to 60C (-35 to 140F), permitting sealant application in any season Excellent weatherability in sunlight, rain, snow, ozone or temperature extremes
- Long-life reliability – the cured sealant stays rubbery from -62° to 177°C (-80° to 350°F)

APPLICATIONS

Primarily Used For:

- Weatherseal applications including perimeter sealing of doors and windows.
- Sealing around metal building flashings, gutters and gutter outlets.

NOT Recommended for:

- Below grade or in horizontal joints where physical abuse or abrasion is likely to be encountered
- For structural silicone glazing applications
- In totally confined spaces where sealant cannot cure because of a lack of atmospheric moisture
- On surfaces that will be painted (the paint film will not stretch with the extension of the sealant and may crack or peel)
- On wet or frost-laden surfaces
- On substrates that bleed oil or plasticizers



TYPICAL PROPERTIES - As Supplied

Method	Test	Result
ASTM C679	Tack-Free Time, 50% RH	15 Minutes
	Curing Time, 50% RH@25°C	7-14 Days
ASTM C639	Flow, Sag or Slump	nil
	Working Time	5-10 Minutes

TYPICAL PROPERTIES - As Cured

ASTM D2240	Durometer Hardness, ShoreA	30 Points
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TYPICAL PROPERTIES - As Cured after 14 Days @ 25°C (77°F)

ASTM D412	Ultimate Tensile Strength	230 psi (kg/mm ²)
ASTM D412	Ultimate Elongation	350 Percent
ASTM C794	Peel Strength, unprimed to aluminum glass	25(446)pli(kg/m)

SPECIFICATIONS

Tack Free Time	≤60 min.
Durometer	17-35 Shore A
Tensile Strength	140-300 psi
Elongation	≥200%
Extrusion rate	300-700 g/min

STORAGE

Product should be stored in a cool, dry location in unopened containers at a temperature between 46°F to 82°F (8°C to 28°C) unless otherwise labeled. Optimal storage is at the lower half of this temperature range. To prevent contamination of unused material, do not return any material to its original container.

PRODUCT AVAILABLE

#1212	7.25oz. Auto Tube Red, Low-Volatile	12 per case
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