



GASKET SEALANT

RTV SILICONE (RED)

TECHNICAL SHEET 10/08/2026

SMART ADVANTAGES

- High thermal resistance up to 317°C
- Withstands vibration and thermal cycling
- Oil and transmission resistant

DESCRIPTION

Bostik Gasket Sealant Red is a high-temperature gasket maker and automotive sealant, formulated as a non-slump acetoxo curing paste that cures to a permanently flexible silicone rubber upon exposure to atmospheric moisture at room temperature.

Bostik Gasket Sealant Red is a ready-to-use, solvent free silicone sealant which is primarily designed for sealing and bonding applications, particularly those needing high temperature resistance.

FUNCTIONAL CHARACTERISTICS

Bostik Gasket Sealant Red exhibits an outstanding resistance to weathering, moisture, vibration and UV light.

The product is heat-stabilized, flexible and stable at temperatures up to 317°C. It is also highly resistant to oil, transmission fluid and antifreeze. It has high tolerance to vibration and adheres to glass, metal, wood, painted surfaces, silicone rubber and some plastics.

The consistency of the uncured material enables high application rates, making it ideal for both manual and automated dispensing.

Once fully cured, Bostik Gasket Sealant Red forms a resilient silicone rubber seal that maintains its flexibility and sealing performance at temperatures up to 260°C under continuous exposure and up to 317°C under intermittent exposure,



TECHNICAL CHARACTERISTICS

Color	Red
Specific Gravity@ 25°C	1.02 ± 0.03 g/cm ³
Slump	Max. 3 mm
Tack-free Time*	8-15 minutes
Extrusion Rate	250-500 g/min
Shore A Hardness	15-30
Tensile Strength (ASTM D412)	0.8 MPa
Elongation at break (ASTM D412)	Min. 300%
Lap Shear Strength (ASTM C961)	1.0 MPa

*Depends on temperature and humidity

Bostik Gasket Sealant Red is a high-performance, formed-in-Place Gasket (FIPG) material designed for sealing flanged joints in transmissions, compressors, pumps, and other equipment exposed to vibration, thermal cycling, and fluid contact.

Since the composition of the substrates can vary greatly, adhesion tests for specific case are advisable.

Bostik Gasket Sealant may also be used for:

- Assembling valve and timing cover, crankcase, radiator and thermostat.
- Bonding gaskets in heating and cooling systems appliances.
- Sealing connecting joints, flanged pipe joints.
- Repairing cables.

APPLICATION

- 1.The substrate must be dry and clean (dust and grease free). It is recommended to wear gloves during use.
- 2.Unscrew cap, pierce film with reverse side of cap. Cut to desired bead size, screw nozzle onto tube.
3. Apply an even bead to all sides of the gasket (2-4mm). Refrain from repositioning once the skin has formed.
- 4.Tack free time 8-15 minutes after application. Sealant fully cures in 24 hours.

BEST RESULTS

To obtain a smooth and neat finish, apply masking tape and remove before sealant cures. Paint surfaces completely before applying sealant.

HEALTH & SAFETY

Ensure good ventilation if used indoors. Contact of vulcanized silicone sealant with eyes and mucous membranes must be avoided as this will cause irritation. Prolonged contact with eyes, flush with water and consult physician. Keep out of reach of children.

STORAGE

Shelf life is 18 months in its original packaging. Once opened, the product will keep for a few months if stored in a cool and dry place.

PACKAGING

Product Code	30631677 30631676 30634008
Size	85g, 32g, 10g

DISCLAIMER

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