



Kraken Gasket Maker RTV Silicone

A high-performance silicone sealant developed for sealing, bonding and repairing works where heat resistance is required. It is an ideal sealant for high temperature construction applications. It reacts with atmospheric moisture to produce a tough, elastic silicone.

Advantages:

- Excellent heat resistance after curing up to 482°F permanently and up to 572°F temporarily.
- Acetoxy cure, RTV silicone.
- 100% silicone.
- Fast cure, high strength.
- Resists to mechanical enforcement after curing.
- Remains flexible at low (-40°F) and high (+482°F) temperatures.
- Will not crack, shrink or become brittle.
- One component.
- Conforms to the requirements of VOC content specifications in LEED credit EQc4.1 "Low-emitting products" of SCAQMD rule 1168.

Usage Areas:

- Sealing and bonding applications in automotives
- On heating systems and ovens for sealing/ tightness

- Sealing and bonding in stoves
- In heating devices
- Gaskets in pumps and motors
- In sealing chimneys
- Other bonding and sealing applications where parts must perform at high temperatures

How to use:

- Ensure that surfaces to be sealed are clean, dry and grease free.
- The application temperature must be between +41°F and +104°F.
- After the application, the sealant must be tooled with light pressure within 5 minutes to spread the material against the joint surfaces and to obtain a professional finish.
- Excess uncured sealant may be cleaned with solvent. Cured sealant can be removed barely mechanically.

Consumption (approx.):

Joint Width	0,2in	0,4in	0,5in
Joint Depth	0,2in	0,2in	0,2in
Efficiency / 10,1.oz	26,3 ft	16,4 ft	13,1 ft



Limitations:

- May cause corrosion on some sensitive metals (brass, copper, zinc) and on marble and natural stones.
- Not paintable.
- Not appropriate for parts that are in continuous contact with fuels or surfaces that may bleed oils.

Elastic Recovery: $\geq 60\%$ (ISO 7389)

Temperature Resistance: -40°F to $+572^{\circ}\text{F}$

Application Temperature: $+41^{\circ}\text{F}$ to $+104^{\circ}\text{F}$

Safety

Ensure good ventilation of the work station. Wear personal protective equipment. Do not eat, drink or smoke when using this product. Always wash hands after handling the product. Store in a well-ventilated place. Keep cool. Check MSDS guidelines for disposal and further information concerning safety.

Shelf Life:

The shelf life is 15 months if stored in unopened-original package in a dry place.

Packaging (Weight/Volume):

10,1 oz (Red, Black, Grey). 12pcs in a box.

Physical & Chemical Properties

Chemical Structure: Silicone Polymer

Consistency: Acetoxy

Density: $1.05 \pm 0.03\text{g/ml}$

Hardness Shore A: 24-30 (ISO 868)

Skin Time: 7 - 13 min. (73°F and 50% R.H)

Curing Rate: Min. 0,1 inch/day (73°F and 50% R.H)

Tensile Strength: ≥ 218 PSI (ASTM D 412)

Sagging: 0 inch (ISO 7390)

Elongation at Break: $\geq 250\%$ (ASTM D412)