



500°F BLUE RTV SILICONE GASKET MAKER

x'traseal®

TECHNICAL DATA SHEET

REV: 08

Date: 25 Sept 2024

DESCRIPTION

x'traseal® 500°F BLUE RTV GASKET MAKER is a high temperature resistance silicone for sensor safe and heavy-duty applications, this fast curing silicone makes perfect gasket that resist cracking, shrinkage and migration cause by thermal cycling, it remain flexible and stable from -42°C to 180°C, ideal for engine repairing and replacement for paper, rubber and asbestos gasket.

FEATURES

- ◆ Outstanding high temperature resistance up till 180°C.
- ◆ Excellent oil and grease resistance.
- ◆ No sagging.
- ◆ Primerless adhesion to most materials.

USES

- ◆ High temperature resistant gasket and joint sealing.
- ◆ Form in place gasket applications.
- ◆ Assemblies of valve cover, timing cover, oil pan, transmission pan, water pump, thermostat housing for automobiles.

We recommend preliminary compatibility tests prior to application to achieve desirable results.

NOT RECOMMENDED FOR

500°F Blue RTV Silicone is an acetic acid curing silicone and is not suitable for use where the acetic acid component will corrode the base material.

Not for: 500°F Blue RTV Silicone is not paintable.

Not for: PE, PP, PTFE and bituminous surface.

Not for: parts in contact with gasoline.

APPLICATION

- ◆ Remove old gasket material from surfaces thoroughly.
- ◆ Clean surface with residue-free solvent and allow surface to dry.
- ◆ Cut nozzle to desired size.
- ◆ Squeeze tube to form a continuous and even bead to the perimeter of mating surface and all bolt holes.
- ◆ Tool within 5 minutes.
- ◆ Tightened to the required torque, do not over tighten.
- ◆ Clean off excess sealant with M.E.K. or toluene.

Due to a large variety of different coatings and substrates, we recommend preliminary compatibility tests prior to application to achieve desirable results

CURING TIME

500°F BLUE RTV SILICONE will tack free in approximate 60 minutes and will cure to a depth of 13mm within 7 days. Longer curing time may be necessary in dry and low humidity area.



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SPECIFICATION

Curing System	Acetoxxy
Appearance	Non-sagging paste
Odour	Vinegar smell
Specific Gravity	1.03 ± 0.03
Shore A Hardness	>20.
Elongation	>300%
Tensile Strength	>1.0 mpa
Tooling Time	5 minutes
Tack Free Time	15-25 minutes
Application Temp.	-20°C to 50°C
Continuous Service Temperature	-40°C to 180°C
Intermittent Service Temperature	-40°C to 260°C
Shelf Life	24 months

STORAGE

Material should be stored in a dry and cool place between +5°C to +30°C.

CAUTION

Read and understand material safety data sheet of this product before handling or using.

This information is provided in good faith and is believed accurate based on a review of current composition and information supplied by vendors. No warranty is expressed or implied. Liability is expressly disclaimed.



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