



700°F COPPER RTV SILICONE GASKET MAKER

x'traseal®

TECHNICAL DATA SHEET

REV: 07

Date: 25 Sept 2024

DESCRIPTION

x'traseal® 700°F COPPER RTV GASKET MAKER is a specially formulated high temperature resistance silicone for turbo-charged and high performance engine. Featuring low odor, non-corrosive with excellent oil and grease resistance. Remain permanent flexible and stable from -62°C to 200°C, ideal for engine repairing and replacement for paper, rubber, asbestos and normal silicone gaskets.

FEATURES

- ◆ Low odor neutral curing system.
- ◆ Excellent oil and grease resistance.
- ◆ Non-corrosive to metals.
- ◆ Non-corrosive to automobiles.
- ◆ Excellent oil and grease resistance.
- ◆ Outstanding high temperature resistant until 200°C.

USES

- ◆ High temperature resistant gasket and joint sealing up to 200°C.
- ◆ Assemblies of rear main bearing cap split line, damper keyway sealing, differential cover, intake end seal, ohc cap, oil pan corner seal, oil pan gasket, side cover plate, thermostat housing, timing cover, transmission pan, valve cover gasket, vibration damper, intake manifolds and exhaust manifold for automobiles.

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

NOT RECOMMENDED FOR

Not for: 700°F COPPER 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.

CURING TIME

700°F COPPER RTV SILICONE will tack free in approximate 20 minutes and will cure to a depth of 13mm within 7 days. longer curing time may be necessary in dry and low humidity area.



MOHM CHEMICAL SDN. BHD. (REG NO 276851-U)
No. 32, Jalan Temenggong, Off Jalan Tampoi, 81100 Johor Bahru, Johor,
Malaysia. Tel : +607 333 1222 Fax : +607 332 0545 / 333 7919
Website: www.xtraseal.com Email: info@mochem.com



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SPECIFICATION

Curing System	Neutral (oxime)
Appearance	Non-sagging paste
Odour	Oxime smell
Specific Gravity	1.03 ± 0.03
Shore A Hardness	>25.
Elongation	>300%.
Tensile Strength	>1.1 mpa
Tooling Time	5 MINUTES
Tack Free Time	10-25 minutes
Application Temp.	-20°C to 50°C
Continuous Service Temperature	-40°C to 200°C.
Intermittent Service Temperature	-40°C to 370°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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