



AT-131 750°F ANTHRACITE RTV GASKET MAKER



TECHNICAL DATA SHEET

Ver.01 | 29 Aug 2025

AT-131 750°F Anthracite RTV Gasket Maker is specially formulated one-part silicone compound that cures to form a “formed-in-place” rubber seal for mechanical assemblies. It offers excellent toughness, heat resistant and able to sustain thermal cycling without shrinking or cracking.

FEATURES

- ◆ Low odour neutral curing system
- ◆ Non-corrosive to metals
- ◆ Non-corrosive to automobiles
- ◆ Outstanding high temperature resistant up till 250°C
- ◆ Excellent gunnability (-20°C to +50°C)
- ◆ Excellent oil and grease resistance
- ◆ Retains effective properties in contact with automotive fluids (Note: not recommended for parts in contact with gasoline)

USES

- ◆ High temperature resistant gasket and joint sealing.
- ◆ Used as a gasket maker or dressing for valve covers, transmission pans, timing gear covers, oil pans, thermostat housing.

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: AT-131 is not paintable.
Not for: Parts in contact with gasoline.

ATOMA PLT (202504001316)

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ATOMA®

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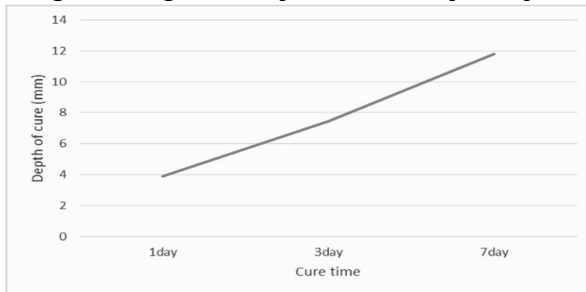
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APPLICATION

- ◆ 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 overtighten.
- ◆ Clean off excess sealant with mineral spirits.

CURING TIME

AT-131 will tack free in approximately 10 minutes and will cure to a depth of 13 mm within 7 days. Longer curing time may be necessary in dry and low humidity area.



SPECIFICATION

Curing System	Neutral (Oxime)
Appearance	Paste
Odour	Oxime Smell
Colour	Dark Grey
Specific Gravity	1.44 ± 0.05
Hardness (Shore A)	45 approx.
Elongation	120 % approx.
Tensile Strength	2.0 MPa approx.
Tack Free Time	10 – 25 minutes
Application Temperature	-20°C to +50°C

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Continuous Service Temperature	-40°C to +250°C
Intermittent Service Temperature	-40°C to +398°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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