

ATOMA®

AT-134 625°F BLACK RTV SILICONE GASKET MAKER



TECHNICAL DATA SHEET

Ver.01 | 29 Aug 2025

AT-134 625°F Black RTV Silicone Gasket Maker is a one-part silicone sealant that cures to form a durable rubber seal that offer excellent adhesion, heat resistant for glazing and joint sealing application.

FEATURES

- ◆ Acetic acid curing system
- ◆ Outstanding high temperature resistant up till 180°C
- ◆ Excellent gunnability (-20°C to +50°C)
- ◆ Excellent oil and grease resistance
- ◆ Low shrinkage
- ◆ No sagging
- ◆ Primerless adhesion to most materials

USES

- ◆ High temperature resistant gasket and joint sealing.
- ◆ Sealing of industrial ovens.
- ◆ Forming in place gasketing applications.
- ◆ Assemblies of glass, porcelain coated metal, epoxy and polyester panels, polystyrene, anodised aluminium, stainless steel, finished metal surface and finished wood.

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

AT-134 is an acetic acid curing silicone and is not suitable for use where the acetic acid component will corrode the base material.

Not for: AT-134 is not paintable.

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

Not for: parts in contact with gasoline.

ATOMA PLT (202504001316)

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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 M.E.K. or toluene.

CURING TIME

AT-134 will tack free in approximately 15 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	Acetoxxy
Appearance	Non-Sagging Paste
Odour	Vinegar Smell
Specific Gravity	1.02 ± 0.03
Hardness (Shore A)	> 25
Elongation	> 300 %
Tensile Strength	> 1.0 MPa
Tooling Time	5 minutes
Tack Free Time	15 – 25 minutes
Application Temperature	-20°C to +50°C
Continuous Service Temperature	-40°C to +180°C.
Intermittent Service Temperature	-40°C to +329°C
Shelf Life	24 months

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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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