



BLACK RTV SILICONE GASKET MAKER PART NO. 47200 (85gm)

DESCRIPTION

DynaGrip Black RTV Silicone Gasket Maker is a paste like, one part material that cures to a tough rubbery solid upon exposure to moisture in the air. Designed to replace or coat cut gaskets on high performance engines manufactured after 1980. Low odour, low volatile formula will not foul oxygen sensors or corrode steel, aluminium or iron. It does not run thus making it ideal for use either overhead or vertically.

Formulated to meet or exceed OEM Volatility specifications for use near Engine Sensors.



PERFORMANCE PROPERTIES

DynaGrip Black RTV Silicone Gasket Maker will NOT adhere to Copper, Brass Magnesium, Zinc, Galvanized Metal. This sealant is NOT recommended for use on Brick, Masonry and Cement Type surfaces. Do not use around fuel. Has good resistance to weathering, vibration, moisture, ozone and extremes of temperature. It may be applied in sub-zero temperatures without the loss of extrusion or physical properties and is effective to -37°C and can withstand temperatures of 260°C . At temperatures of 25°C , and a relative humidity of 50% a tack free skin will form in 20 minutes. Tooling should be complete in 5-10 minutes. Curing time increases with the thickness of the joint. Metal to metal bonds should not be more than 25mm. Adhered to glass, metals and most woods has a typical peel strength of 20lb/in² after 72 hours curing at room temperature. When stored in a closed container at 32°C , **DynaGrip** Black RTV Silicone Gasket Maker has a shelf life of 12 months.

TYPICAL PROPERTIES

UNCURED STATE:

Chemical Base	Oxime Silicone
Slump	Nil
Colour	Black
Specific Gravity	1.40
VOC	<3%
Extrusion Rate	500g/min
Application Temperature	-37°C to 60°C (-35°F to 140°F)

CURED CHARACTERISTICS – EXPOSED TO AIR, 25°C AND 50%RH:

Skin Over Time	5 min
Tack Free Time	30min
Cure through 3mm thickness	24 hours

CURED PHYSICALS:

Shore “A” Hardness	30
Tensile Strength	225psi
Elongation	>500%
Service Temperature	
Continuous	–40 °C to 204°C (–40 °F to 400°F)
Intermittent	260°C (500°F)

DIRECTIONS FOR USE

1. Clean all surfaces thoroughly to remove old gaskets and prepare flange surfaces.
2. Dry and remove all oil and grease.
3. Cut nozzle to desired bead size then puncture inner seal at base of nozzle.
4. Apply a continuous, uniform 3mm - 5mm bead around perimeter of one surface. Completely surround all bolt and screw holes.
5. Wait for silicone to ‘surface skin’ and assemble parts. Do not over tighten bolts or screws.
6. Carefully trim excess silicone with a sharp knife for a neat finish.
7. Can also be used as a gasket dressing. Apply to both sides of the gasket and assemble while wet. Do not over tighten bolts or screws.
8. Silicone dries in 1 hour and fully cures in 24 hours (allow more time in cold conditions).

CAUTION: UNCURED SILICONE MAY CAUSE IRRITATION. Avoid contact with eyes and skin. Contact lens wearers take appropriate precautions. In case of contact, flush eyes with water. Call a physician. Remove from skin with dry cloth or paper towel and wash skin well with soap and water. If swallowed seek medical advice immediately as material releases acetic acid during cure. **KEEP OUT OF REACH OF CHILDREN.**

STORAGE AND SHELF LIFE

Store in original containers in a cool, dry location. After opening, store uncapped, letting material slightly ooze out of nozzle. Remove cured plug in nozzle before next use. Stored under these conditions, a one year shelf life can be expected.

GENERAL INFORMATION

The information and data contained herein is believed to be accurate and reliable; however, it is the user's responsibility to determine suitability of use. Since the supplier cannot know all the uses, or the conditions of use to which these products may be exposed, no warranties concerning the fitness or suitability for a particular use or purpose are made.

It is the user's responsibility to thoroughly test any proposed use of our products and independently conclude satisfactory performance in the application.

Likewise, if the application, product specifications or manner in which our products are used require government approval or clearance, it is the sole responsibility of the user to obtain sure authorization.

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AFC International Pty Ltd.
21- 23 Hobart Street
Riverstone NSW 2765
TEL +61 2 9627 7125
www.dynagrip.com.au