



TECHNICAL DATA SHEET



BLACK SILICONE GASKET MAKER PART NO. 47200

DynaGrip Low Volatile Automotive Sealant is a paste like, one part material that cures to a rough rubbery solid upon exposure to moisture in the air. *DynaGrip Low Volatile Automotive Sealant* does not run thus making it ideal for use in either overhead or vertically. ***DynaGrip Low Volatile Automotive Sealant* is formulated to meet or exceed OEM Volatility specifications for use near Engine Sensors.**



PERFORMANCE PROPERTIES:

DynaGrip Low Volatile Automotive Sealant will not corrode or 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. *DynaGrip Low Volatile Automotive Sealant* 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 -35oC. *DynaGrip Low Volatile Automotive Sealant* can withstand temperatures of 260oC. At temperatures of 25oC, 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 that 25mm. Adhered to glass, metals and most woods *DynaGrip Low Volatile Automotive Sealant* has a typical peel strength of 20lb/in2 after 72 hours curing at room temperature. When stored in a closed container at 32oC, *DynaGrip Low Volatile Automotive Sealant* has a shelf life of 15 months.

PROPERTY DATA:

Colour	Black
Type	One Part silicone Rubber
Physical Form	Non Slumping Paste
Cure	Room Temp. On exposure to Water vapour in air.
Special Properties	Meets or Exceeds OEM Volatility Specs. Safe to use on vehicles with Oxygen Sensors.

AS SUPPLIED:

Specific Gravity @ 25oC	1.04
Extrusion Rate	350
Tack Free Time @25oC and 50% RH Minutes	10-20
Cure Time @25oC and 50% RH Hours	24

AS CURED:

ASTM D-2240 Durometer Hardness, Shore A Points	24
ASTM D-412 Die C Tensile Strength MPa (psi)	2.4 (350)
ASTM D-412 Die C Elongation Percent	600
ASTM D-746 Brittle Point Degrees C (F)	-73 (-100)

TYPICAL USES:

DynaGrip Low Volatile Automotive Sealant can be typically used on sealing turbo housings, Exhaust manifolds, oxygen sensors, auto trim, including fabric backed plastics and make formed in place gaskets.

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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