

MECHANIC'S HELPER #1286

Low Volatile Black RTV Silicone Automotive Gasket Maker



Features:

- Pressurized dispensing makes any size or shape gasket instantly
- Reduces inventory-eliminates the need to stock conventional gaskets
- Reduces downtime-gets equipment back in operation fast
- Safe to use on oxygen sensor equipped vehicles
- Meets GM and OEM Specifications
- Temperature range -76°F to 350°F, intermittently up to 392°F (200°C)
- When fully cured and washed, meets USDA standards



Description:

MECHANIC'S HELPER is a premium grade, low volatile silicone gasket making material that is made from 100% RTV (room temperature vulcanizing) silicone. It is safe to use on all oxygen sensor equipped vehicles. It replaces a wide range of cork, paper, asbestos, felt and metal gaskets. It can be used on metal, glass, ceramics, wood, rubber and most plastics. This product has adhesion characteristics and high chemical resistance and will not sag or shrink. It is impervious to extreme temperatures.

Applications:

- Oil and Water Pumps
- Oil and Transmission Pans
- Gear Boxes
- Valve and Timing Chain Covers
- Compressors
- Oxygen Sensor Equipped Vehicles
- Machine Covers
- Electric Motors and Electric Control Boxes

Product Properties:

Method	Test	Unit	Result
As Supplied			
ASTM C 679	Tack-free time at 25°C (77°F), 50% RH	Minutes	10-20
	Tooling time	Minutes	5-10
ASTM C 639	Flow, sag or slump		Nil
As Cured – 7 days at 25°C (77°F) and 50% RH			
ASTM D 2240	Durometer Hardness, Shore A	Points	26
ASTM D 412	Ultimate tensile strength	psi (MPa)	310 (2.1)
ASTM D 624	Tear strength	ppi (kN/m)	22 (3.9)
ASTM C 794	Peel strength	pli (kN/m)	22 (3.9)
ASTM C 603	Extrusion rate	g/min	370

Product Characteristics:

Appearance:	Solid (paste)
Odor:	Acetic acid odor
Vapor Density:	>1
Specific Gravity:	1.04
Solubility:	<0.1
Flash Point:	Closed cup above 212°F
VOC:	31 g/L
UL Rating:	USR-CNR-94HB
Storage:	Keep container closed and below 90°F.

Transport Information:

Proper Shipping Name:	Aerosols, flammable (each not exceeding 1 L capacity) (1, 1-Difluoroethane).
UN Number:	UN1950
Class:	2.1
Packing Group:	Not available

Directions:

Surface must be clean, dry and free of oil, dirt, and dust for best adhesion. Hold at a 45° angle and apply at a continuous bead of 1/16" to 1/8" to the mating surface, encircling all bolt holes. For adhesion to both parts assemble immediately. For one part adhesion, allow 10 to 15 minutes for bead to skin. Assemble parts, but do not squeeze gasket out by overtightening bolts. Starts to cure immediately. Fully cures in 24 hours and reaches optimum strength in 7 days.

Pictograms:



Signal Word:

WARNING.

Personal Protective Equipment Required:



VOC Compliant:

Yes.

DOT Placard:

