

Mighty Gasket Grey

Product Description

Mighty Gasket Grey is a ready-to-use 100% RTV, one component acetoxy silicone sealant which cures to a tough, rubbery solid when exposed to moisture in the air at room temperature. It has superior temperature resistance and outstanding weatherability. It is used for general glazing and sealing applications

Key Features

- Leakproof, strong and extremely durable
- Fully cured Mighty Gasket Grey is Heat Resistant for extended periods at temperatures up to 232°C and for shorter periods up to 260°C
- Replaces and outperforms conventional rubber, cork, paper felt and asbestos gaskets
- Adheres to clean metal, glass, plastic surfaces, silicone rubber, ceramic, granite and most types of woods
- Resistant to water, oil, battery acid, transmission fluid and other chemicals
- High tolerance to vibration and pressure
- Resistant to aging
- Fills all voids and spaces



Product Specifications / Typical Properties / Physical Characteristics

Table 1:

Physical properties: UNCURED STATE*

Parameters	Results
Appearance	Grey Thixotropic Paste
Odor	Acetoxy
Tack Free Time @25-33°C, mins	7-20 mins
Slump, mm	Nil
Cure Thru Time	24 hours
Specific Gravity	0.99-1.04
Extrusion Rate	Minimum of 200 g/min

Table 2:

Physical properties: CURED STATE*

Parameters	Results
Hardness, Shore A	Minimum 15
Elongation, %	Approximately 220%
Tensile Strength, MPa	Approximately 1.4 MPa
Cohesive Failure, Glass	100%

Applications

- Used on small engines (cars and motorcycles)
- Radiators with a temperature that reaches 260°C
- Motorcycle cylinder and valve covers

Application Procedure

Surface Preparation

Thoroughly clean and degrease metal and plastic surfaces, then rinse all surfaces, except plastic, with acetone. Rubber surfaces should be roughened with sandpaper, then wiped with acetone. Follow the precautions given on solvent container label.

Method

1. Remove cap and puncture tube membrane with the cap's pin.
2. Insert nozzle (cut tip for desired bead size) if available.

3. Apply Mighty Gasket Grey to the prepared surface in a uniform bead thickness in less than 5 minutes. In cases where Mighty Gasket Grey is used between two surfaces, put the second surface in place using enough pressure to displace the air. Let the unit stand undisturbed at room temperature to cure.
4. Tool off excess sealant.
5. Wipe sealant off the nozzle or tube and put on the cap tightly.
6. Store tube away from direct sunlight or sources of heat, water and other chemicals.

Note 1: The cure progresses inward from the surface. The sealant forms a tack skin free at a minimum of 7 minutes at room temperature. Tooling is not practical after this skin begins forming and should be completed in less than 5 minutes from application, even though this may require alternate periods of applying and tooling. Likewise, if masking tape has been used to mark off the area, it should be removed before the tack-free skin forms.

Packaging (available sizes)

15g , 30g and 85g tubes in blister packs

Storage

Store in a well-ventilated place. Keep it sealed whenever not in use.

Shelf Life

18 months

Health and Safety Precautions

Caution

Sealant releases acetic acid during cure. Direct contact of uncured Mighty Gasket Grey irritates eyes and may irritate skin. Overexposure to vapour may irritate eyes, nose and throat. Avoid eye and skin contact. Use with adequate ventilation. Do not handle contact lenses with sealant on hands.

IN CASE OF EYE CONTACT: Flush eyes with water for 15 minutes. Then seek medical attention.

IN CASE OF SKIN CONTACT: Remove from skin and flush with water.

KEEP OUT OF REACH OF CHILDREN.

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