# Mighty Gasket Black

**Replaces Conventional Gaskets • Leakproof • Resists Pressure • Permently Flexible**



## Product Description

Mighty Gasket Black 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, extremely durable and permanently flexible
- Fully cured Mighty Gasket Black 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)**

| Parameters | Results |
|---|---|
| Appearance | Black Thixotrophic Paste |
| Odor | Acetoxy |
| Tack Free Time @ 25-33°C, mins | Minimum 7 minutes |
| 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)**

| 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 Black to the prepared surface in a uniform bead thickness in less than 5 minutes. In cases where Mighty Gasket Black 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



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**Note:** 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, eventhough 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
15g, 30g and 85g tubes in blister packs

## Storage
Store in a well-ventilated place.

## Shelf Life:
18 months

## Health and Safety Precautions

**Caution**
Sealant releases acetic acid during cure. Direct contact of uncured Mighty Gasket Black 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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