

Mighty Gasket Red

Replaces Conventional Gaskets • Leakproof • Resists Pressure • Permently Flexible

Product Description

Mighty Gasket Red 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. This silicone product is formulated to perform at temperatures ranging from -85°F to 500°F (-65°C to 260°C). It can be used for numerous sealing and bonding applications.



Key Features

- Leakproof, strong, extremely durable and permanently flexible
- Fully cured Mighty Gasket Red is Heat Resistant for extended periods at temperatures up to 260°C and for shorter periods up to 316°C.
- Adheres to clean metal, glass, plastic surfaces, silicone rubber, ceramic, granite and most types of woods.
- Resistant to aging.
- Resistant to water, oil, battery acid, transmission fluid and other chemicals.
- High tolerance to vibration and pressure.
- Fills all voids and spaces.

Applications

- Aerospace gasketing
- Moving oven Belts
- Industrial ovens
- Engines (Trucks and buses)

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 Red to the prepared surface in a uniform bead thickness in less than 5 minutes. In cases where Mighty Gasket Red 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: The cure progresses inward from the surface. The sealant forms a tack skin free at a minimum of 7 minutes at room

Product Specifications / Typical Properties / Physical Characteristics

Table 1: Physical Properties (Uncured)

Parameters	Results
Appearance	Red Thixotropic Paste
Odor	Acetoxy
Tack Free Time @25-33°C, mins	7-20 minutes
Slump, mm	Nil
Cure Thru Time	24 hours
Specific Gravity	0.99-1.01
Extrusion Rate	335 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%

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

30g and 85g aluminum tubes

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 Red 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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