

GASKET MAKER

1 – DESCRIPTION

Gasket Maker is a high-performance silicone sealant developed for sealing, bonding and repairing works where heat resistance is required. It is an ideal sealant for high temperature construction applications. It reacts with atmospheric moisture to produce an elastic tough silicone.

2 – PROPERTIES

- Excellent heat resistance up to +250 °C permanently and up to 300 °C intermittently
- %100 silicone
- Fast cure, high strength
- Remains flexible at low (-40 °C) and high (+250 °C) temperatures.
- Will not crack, shrink or become brittle
- One component, acetoxycure, RTV silicone

3 - APPLICATIONS

- Sealing and bonding applications in automobiles
- Industrial ovens
- Sealing and bonding in stoves
- In heating devices
- Sealing heating systems
- Gaskets in pumps and motors
- Heating elements in appliances
- In sealing chimneys
- Other bonding and sealing applications where parts must perform at high temperatures

4 - INSTRUCTIONS

For best result, apply the sealant between +5°C and +40°C. Surfaces must be clean, dry, oil and frost free. The joint width must be min 25mm and max 30mm. The sealant must be tooled immediately after the application before a skin forms. Excess uncured sealant may be cleaned with solvent. Cured sealant can be removed barely mechanically.

5- PACKAGING

Product	Volume	Package
Red	310ml	24
Black	310ml	24
Red/Blister	50gr	24/192
Black/Blister	50gr	24/192

6- STORAGE AND SHELF LIFE

12 months if stored in dry and cool conditions.

7- RESTRICTIONS

May cause corrosion on some sensitive metals (brass, copper, zinc) and on marble and natural stones. Not paintable. Not appropriate for parts that are in continuous contact with fuels or surfaces that may bleed oils.

8- SAFETY

If inhaled in over a prolonged period or in large volumes, the acetic acid vapours released during curing may cause irritation of the respiratory system. Therefore, the application must take place in a well-ventilated area. Prolonged contact with uncured sealant must be avoided.

9- TECHNICAL PROPERTIES

Basis	: Silicone Polymer	
Curing System	: Acetoxy	
Density	: 1.02± 0.02 g/ml	(ISO 1183)
Hardness Shore A	: 20-35 (after 28 days)	(ASTM C661)
Max. Tensile Strength	: 2N/mm ² (23°C and 50% R.H)	(ASTM D412)
Skin formation	: 5-15 min. (23°C and 50% R.H)	(ASTM C679)
Curing Rate	: Min. 3mm/day (23°C and 50% R.H)	
Elongation At Break	: > 200%	(ISO 8339)
Elastic Recovery	: ≥ 60%	(ISO 7389)
Sagging	: 0 mm	(ISO 7390)
Temperature Resistance	: -40°C to +300°C	
Application Temperature	: +5°C to +40°C	