



EgyFix HT600 GASKET MAKER

Egyfix HT600 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 a tough, elastic silicone.

FEATURES & BENEFITS

- Excellent heat resistance after curing up to 250 °C permanently and up to 300 °C temporarily.
- 100% silicone,
- Remains flexible at low (-40 °C) and high (+250 °C) temperatures,
- Resists to mechanical enforcement after curing,
- Acetoxy cure, RTV silicone,
- Will not crack, shrink or become brittle,
- One component.



APPLICATION AREAS

- Sealing and bonding applications in automotive,
- On heating systems and ovens for sealing / tightness,
- Sealing and bonding in stoves,
- Gaskets in pumps and motors,
- Sealing chimneys,
- Other bonding and sealing applications where parts must perform at high temperatures.

Excellent Heat
Resistance up to
300 °C

INSTRUCTIONS

- Ensure that surfaces to be sealed are clean, dry and grease free.
- The application temperature must be between +5°C and +40°C.
- In order to reduce the deformations of the joints, their depth must be much less than their width, minimum dimensions are 5x5 mm, for wider joints the depth should be preferably half of the width and it is adjusted by the use of a backup material.
- After the application, the sealant must be tooled with light pressure within 5 minutes to spread the material against the joint surfaces and to obtain a professional finish.
- Excess uncured sealant may be cleaned with solvent. Cured sealant can be removed barely mechanically.
- 6 mm. joint depth is recommended for joint widths between 6 mm to 12 mm.
- Joint width and depth ratio should be about 2:1.



Consumption (approx.)

Joint Width	6mm	9mm	12 mm
Joint Depth	6mm	6mm	6 mm
Efficiency /310 ml	8 meters	6 meters	4 meters

Surface Preparation

Following cleaning procedure and materials are recommended:

Aluminum, light alloys and stainless steel	Degrease with alcohol or MEK
Other Metals	Lightly abrade then degrease as above
Plastics	Degrease using an agent recommended by plastics manufacturer
Concrete and other alkaline Surfaces	Brush and remove dust

STANDARDS

Meets or exceeds the requirements of the following specifications:

- The requirements of VOC content specifications in LEED credit EQc4.1 “Low-emitting products” of SCAQMD rule 1168.

RESTRICTIONS;

- It must not be used in totally confined spaces where sealant cannot cure due to lack of atmospheric moisture.
- Not recommended to use on porous surfaces like marble, natural stone, concrete etc.
- Because of acidic curing, it must not be used on mirrors and sensitive metals like copper, brazen, lead.
- Not over paintable.
- Do not use in conjunction with bitumen asphalt, neoprene and certain organic elastomers.
- Not appropriate for parts that are in continuous contact with fuels or surfaces that may bleed oils.

STORAGE AND SHELF LIFE;

The shelf life is 15 months if stored in unopened-original package in a dry place at temperatures between +5°C and +25°C.

SAFETY & DISPOSAL

Inhalation of the sealant vapor for a long period must be avoided. The application area must be ventilated properly. The uncured sealant must not be contacted for a long period. Cured silicone rubber bears no risk to health. Temperatures between +5°C and +25°C. Check MSDS guidelines for disposal and further information concerning safety.



PROPERTIES

Basis	: Silicone Polymer	
Curing System	: Acetoxo	
Density	: 1.05± 0.03 g/ml	
Hardness Shore A	: 24-30 (after 28 days)	
Tensile Strength	: ≥ 1,5 N/mm ² (23°C and 50% R.H)	(ASTM D412)
Skin formation	: 7-13 min. (23°C and 50% R.H)	
Curing Rate	: Min. 3 mm/day (23°C and 50% R.H)	
Elongation At Break	: ≥ 250%	(ASTM D412)
Elastic Recovery	: ≥ 60%	(ISO 7389)
Sagging	: 0 mm	(ISO 7390)
Temperature Resistance	: -40°C to +300°C	
Application Temperature	: +5°C to +40°C	

PRODUCT

Product Type	Volume	Package
Red	270 gr	24

DISCLAIMER

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