



SILICONE SEALANT SUITABLE FOR APPLICATION ON PLACES WHERE RESISTANCE TO HIGH TEMPERATURES IS REQUESTED



PRODUCT DESCRIPTION

F300 is a flexible, resistance to high temperatures, acetic based silicone sealant. The sealant is suitable for flexible sealing's which resist temperatures up to +300°C. Specifically developed to seal flues, boilers, industrial and domestic ovens, pipe-work and conduits subjected to high temperatures when in service.

FIELD OF APPLICATION

- Ovens
- Chimney
- Flues
- Heat exchangers
- Boilers
- Pipe works for high temperatures
- Radiators
- Barbeque

SUITABLE SUBSTRATES

- Iron surface
- Aluminum surface
- Rust free metallic surface

LIMITATIONS

- Do not apply on rusty surfaces.
- Do not apply on damp surfaces.
- Do not apply on hot surfaces at more than +35°C.
- Do not use in direct contact with flames.
- Cannot be painted.

APPLICATION PROCEDURE

a) Preparation of the support

Surfaces to be sealed must be dry, de-greased, solid and free of dust, loose parts, oil, grease, wax, old paintwork and rust on metal surfaces. We recommend applying masking tape along the edges of the joint in order to avoid the sealant seeping out of the joint and to get a more attractive finish.

b) Preparing the product

Ready to be used.

c) Applying the product

Insert the cartridge in an extrusion gun, cut off the tip of the cartridge, screw on the extrusion nozzle, trim the nozzle at an angle of 45° and according to the extruded width required and squeeze out the product in a continuous flow into the joint while trying to avoid air entering the joint. Immediately after applying the sealant, smooth over the surface before it hardens with a spatula wetted with soap and water. Remove the masking tape immediately after smoothing over the sealant

COVERAGE / CONSUMPTION

The consumption of F300 depends on the application. Typical consumption is between 100 and 120 ml/mL.

PACKAGING

F300 is supplied in:
– 280ml cartridge

SHELF LIFE

Original sealed packaging of this product is guaranteed to be of first quality for 18 months if stored in a dry area and temperatures between +5°C and +35°C.

SAFETY INSTRUCTION

F300 is not considered hazardous according to current standards and regulations regarding the classification of mixtures. While handling the product, we recommend the use of protective gloves and goggles and to keep the work area well ventilated. For further and complete information about the safe use of our product please refer to our latest version of the Material Safety Data Sheet. **PRODUCT FOR PROFESSIONAL USE.**

TECHNICAL DATA

Product identity	
Consistency:	thixotropic paste
Color:	black
Density (kg/m ³):	1400
Viscosity (mPa.s):	300,000
Dry solids content (%):	80
Application data (at +23°C and 50% R.H.)	
Dilution:	Ready to used
Skin formation time:	5-7 minutes
Polymerization time:	5mm / 24 hours
Service temperature range:	-5°C to +300°C
Application temperature:	+5°C to +35°C
Consumption:	100-120 ml/mL
Elongation:	500%
Tensile strength:	2.7 N/mm ²
Tear strength:	7.5 kN / m
Hardness Shore A:	25
Module of elasticity at 100% elongation:	0.8
Water resistance:	excellent
Atmospheric agent resistance:	excellent

WARNING

Danger. Contains Portland Cement: Chromium VI < 2 ppm within the validity period of the product. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H318 Causes serious eye damage. H335 May cause respiratory irritation. P261 Avoid breathing dust. P280 Wear protective gloves/protective clothing/eye protection/face protection. P302 + P352 IF IN CONTACT WITH YOUR SKIN: Wash with plenty of water/... P305 + P351 + P338 IF IN CONTACT WITH YOUR EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310 Immediately call a POISON CENTER/doctor/...



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