



TECHNICAL DATA SHEET

ALCON WORLD ACETOXY LIQUID GASKET MAKER

Product Description

Acetoxy silicone gasket maker which retains its flexibility in temperatures up to 300°C.

Application Areas

In gasketing applications where resistance to high temperatures and/or high thermal cycling in automotives, machines, heating systems, industrial ovens, chimneys etc...

Specifications

- Acetoxy cure based silicone
- Resists shrinking and cracking caused by exposure to thermal cycling between -60°C and +300°C.
- Preserves its elasticity when permanently exposed to temperatures up to 250°C
- Improved resistance particularly oils.
- Pure silicone, does not contain any organic extender.
- Improved oil resistance.



Color and Technical Properties

Description	: Acetoxy
Colors	: Red-Black-Grey
Moving Capability	: 15 %
Service Temperature	: -60° C to +300° C
Extrusion Rate	: 220 gr / minute
Application Surface Temperature	: +5°C to +40° C
Appearance	: Paste
Specific Gravity (g/cm ³)	:1.05~1.10
Tack free time(min) T: 22°C, R.H.: 40% ~ 60%	: 20 mins.
Curing (mm/day) T: 22°C, R.H.: 40% ~ 60%	: 4.0 mm/day
Hardness(shore A)	:22-24
Elongation, %	>420
Tensile Strength, N/mm ²	>2.10
Lifespan	: 12~15 months

Package Options

CODE	PRODUCT NAME	PACKING	PARCEL
M-3331	ALCON WORLD ACETOXY BLACK LIQUID GASKET MAKER	50 gr. TUBE	20
M-3332	ALCON WORLD ACETOXY RED LIQUID GASKET MAKER	50 gr. TUBE	20
M-3333	ALCON WORLD ACETOXY BLACK LIQUID GASKET MAKER	85 gr. TUBE	20
M-3334	ALCON WORLD ACETOXY GREY LIQUID GASKET MAKER	85 gr. TUBE	20
M-3335	ALCON WORLD ACETOXY RED LIQUID GASKET MAKER	85 gr. TUBE	20
M-3336	ALCON WORLD ACETOXY AUTOMATIC DOSE RTV BLACK LIQUID GASKET MAKER	200 ml. ALUM.CARTRIDGE	12
M-3337	ALCON WORLD ACETOXY AUTOMATIC DOSE RTV GREY LIQUID GASKET MAKER	200 ml. ALUM.CARTRIDGE	12



Surface Preparation

- Surfaces to contact with silicone must be clean and dry and not contain oil, dust, rust and loose parts.
- If there is previously applied silicone on surfaces, it will be removed by mechanical methods.
- Applying masking tape around the application joints does not only prevents smudging of joints but provides a more aligned application as well.
- Masking tape must be removed promptly after application.

Joint Design

- Amount of application must be between 6-20 mm for the surfaces 20-40 mm.
- Depth of the applied silicone depends on the size of crack depth.
- Apply 6mm silicone in the depths up to 12mm.
- Depth of silicone must be roughly half of its depth in wider joints.

Application Method

- Not suitable for natural stone and concrete surfaces
- Adhesion loss may be seen on surfaces which bleed grease, solvents or plasticizers as time passes.
- Should not be used at application areas which will be submerged in water at all.
- May not be painted. There-fore, silicone must not be applied to joints to which paint application is thought.
- Since silicone is single component, it can dry only by reacting with the humidity in the air,
- It will not dry in closed spaces where contact with air is not possible.



Warnings

- Not suitable for natural stone and concrete surfaces.
- Adhesion loss may be seen on surfaces which bleed grease, solvents or plasticizers as time passes.
- Should not be used at application areas which will be submerged in water at all times.
- Should not be used on surfaces which will directly contact with food and drinking water
- Silicone mastics may not be painted. Therefore, silicone must not be applied to joints to which paint application is thought.
- Since silicone is single component, it can dry only by reacting with the humidity in the air.
- It will not dry in closed spaces where contact with air is not possible.

Shelf Life And Storage

It must be stored in a cool and dry environment in closed package between 5-25C. It has 15 months shelf life following production date when these conditions are provided.

Safety Info

Contains trace amounts of volatile chemicals. During curing, it emits irritating odour and acetic acid. Therefore, it should not be breathed for long periods and if used indoors, the place should be well ventilated. Since it may irritate the skin, contact with fresh silicone for long periods should be avoided. Hardened silicone does not contain elements harmful for health. Refer to safety info form of the product for detailed information.
