



---

## TECHNICAL DATA SHEET

### ALCON HYPER RTV NEUTRAL LIQUID GASKET MAKER

#### Product Description

Non-corrosive neutral 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

- Neutral silicone. Does not release any acid and can be applied on sensitive metals.
- Almost odorless cure
- Resists shrinking and cracking caused by exposure to thermal cycling
- between -60°C and +300°C
- Improved resistance particularly oils.
- Pure silicone, does not contain any organic extender.
- Improved oil resistance.



## Color and Technical Properties

Colors	: Red-Black
Curing	: Single Component Oxime
Elongation At Breaking	:22
Density	: 1,05 gr / cm <sup>3</sup>
Elastic Recovery	: 450 %
Tack-Free Time	: 10 minutes
Moving Capability	: 15 %
Drying	: 3 mm / day
Service Temperature	:-60° C to +300° C
Extrusion Rate	: 220 gr / minute
Application Surface Temperature	: +5° C to +40° C

## Package Options

50 ml tube – 90 ml tube

## 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.

### ALCON Endüstriyel Ürünler San. ve Tic. Ltd. Şti.

Adres: Ferhatpaşa Mh. Kocasınan Cd. 11.Sk. No:45 ATAŞEHİR – İSTANBUL

Tel : 0216 – 661 00 90 (Pbx) Faks : 0216 – 661 01 57

www.alcon.com.tr



## 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.
- Silicone mastics 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. 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.

## Shelf Life And Storage

It must be stored in a cool and dry environment in closed package between 5-25°C. It has 15 months shelf life following production date when these conditions are provided. Expiry date is indicated on the package. If the expired silicones form a crust within 15 minutes after application, these may still be used.



### **Safety Info**

Contains trace amounts of volatile chemicals. 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.

---