

It is a high-performance acetoxin silicone developed for bonding, repair and sealing works that require high heat resistance.

It retains its flexibility at temperatures up to +300 °C. It is an ideal filling material for joints that may be exposed to high temperatures in buildings. It is a hard, elastic silicone that reacts with atmospheric moisture.



## GENERAL FEATURES

- It is a one-component 100% silicone.
- It is resistant to volume loss and cracking at temperature changes between 50 °C and +300 °C.
- It is one-component, easy to apply, does not form mold and fungus,
- Quickly cures,
- Thanks to its high adhesion feature, it provides excellent adhesion to many building materials,
- It is very elastic and has the ability to reclaim without deforming

## APPLICATION AREAS

- Creation of heat-resistant seals,
- In places with constant exposure to high temperature,
- In automobile engine components; as a differential cover, gearbox cover, engine cover and carburetor cover gasket,
- As a seal in steam installations, in places in contact with hot water and steam,
- In hot air ducts,
- In all sealing processes that are mechanically and chemically prone to heating,

## Technical Specifications

Base	Silicone
Consistency	Putty
Density (DIN 53479)	1,05 ± 0,01 g/cm <sup>3</sup>
Modulus of Elasticity 100% (DIN 53504)	~ 0.45 N/mm <sup>2</sup>
Elastic Return	> 90%
Yield – On Vertical Surface (ISO 7390)	< 3mm
Mobility	%20
Shell binding time	7 -15 (23 °C / 50 % r.h.)
Drying Speed	3 - 4 mm/24 hr. (23 °C / 50 % r.h.)
Elongation at rupture (ISO 8339)	> %400
Max stress (DIN 53504)	0.2 N/mm <sup>2</sup>
Shore A Hardness (DIN 53505)	25 ± 3
Application temperature	+5°C to +40 °C
Service Temperature	-40 °C to +300 °C
Output Speed	680 gr/min

## COLOR OPTIONS



Red



Black



## SURFACE PREPARATION

- Surfaces that will come into contact with silicone must be solid, clean and dry; it must be free from oil, dust and rust.
- If there is previously applied filler material on the surfaces, it should be removed by mechanical methods.
- It is recommended to draw masking tape around the application joints. The retracted masking tape should be removed immediately after application.
- Some synthetic and painted surfaces may require priming, but lining is not required on nonporous surfaces such as tiles, ceramics and glass.



## JOINT DESIGN

The width of the joint should be from 6 to 20 mm, The depth of the silicone to be applied depends on the width size. For widths up to 12mm, apply 6mm deep silicone. For wider joints, the joint width of the silicone should be calculated so that it is 2 times the depth. Polyethylene filler wicks with a diameter appropriate to the joint width should be placed in the joint to prevent 3-sided adhesion of the filler material and to fix the distance.



## APPLICATION

- Place the cartridge in the silicone gun.
- The joints need to be filled with proper application at once and without gaps.
- Before tying the silicone shell, fix it with a suitable spatula or trimming apparatus.
- Remove the masking tape.
- Clean the smeared silicone with a suitable cleaner without allowing it to dry.
- After the curing is completed, the silicone can only be cleaned mechanically.



## PACKAGING OPTIONS

Gross 280 ml cartridge / Package: 24 pcs cartridges



## SHELF LIFE AND STORAGE

Undamaged, unopened, original packaging, in dry conditions, in an upright position between +10 °C and +30 °C, the shelf life is 12 months.



## ALERTS

Since acetic acid vapor is formed during the application, ventilation should be provided especially in closed and humid environments. It is not suitable for porous surfaces such as concrete, marble and granite. Since silicone is a single component, it can dry out only by reacting with moisture in the air. It does not dry out in closed areas where contact with air is not possible. It does not hold paint.



## SECURITY INFORMATION

It contains trace amounts of volatile chemicals. Adequate ventilation should be provided when used indoors. Long-term contact with wet silicone should be avoided, as it can cause sensitivity to the skin. Hardened silicone does not contain any elements harmful to health. For detailed information, please refer to the safety data sheet for the product.

Note: All information provided in the Technical Data Sheet is shared based on the reliability of the tests carried out as a manufacturer. Since performance differences may occur in the application, factors such as application surface, environment, surface and product temperature etc. should be considered. It is recommended to test it before being used on different surfaces and areas.