



It is a one component, high quality 100% acetoxy silicone sealant developed for the assembly and sealing of aquariums, terrariums and other glass structures. It is a superior sealing and filling material with excellent adhesion properties.

### **i** GENERAL FEATURES

- One-component, easy to apply,
- It is 100% silicone and solvent-free,
- Weatherproof and UV resistant
- Cures very quickly, drying without odor
- Thanks to its high adhesion feature, it provides excellent adhesion to many building materials,
- Resistant to detergents, cleaning materials and chemicals,
- Does not contain chemicals that can harm aquarium creatures,

### **📦** APPLICATION AREAS

- Suitable for indoor and outdoor use,
- In the manufacture of aquariums and terrariums,
- In bonding glass materials,
- In glass showcase installation,

### **📄** Technical Specifications

Base	Silicone
Consistency	Putty
Density (DIN 53479)	1.02 ± 0.01 g/cm <sup>3</sup>
Modulus of Elasticity 100% (DIN 53504)	~ 0.35 N/mm <sup>2</sup>
Elastic Return	> 95%
Yield - Vertical Surface (ISO 7390)	< 3mm
Shell binding time	~ 10 min. (23 °C / 50 % r.h.)
Drying Speed	3 mm/24 hr. (23 °C / 50 % r.h.)
Elongation at rupture (ISO 8339)	> 450 %
Max stress (DIN 53504)	0.2 N/mm <sup>2</sup>
Shore A Hardness (DIN 53505)	22 ± 3
Application temperature	+5 °C to +40 °C
Service Temperature	-40°C to +180 °C
Output Speed	450 gr/min



### COLOR OPTIONS

- Transparent ● Black



## SURFACE PREPARATION

- Surfaces that will come into contact with silicone should be clean and dry; it should not contain oil, dust, rust and loose parts.
- If there is previously applied silicone on the surfaces, it should be removed by mechanical methods.
- Pulling a masking tape around the application joints does not only prevent silicone contamination around the joint, but also allows for a more aligned application. The retracted masking tape should be removed immediately after application.
- On some surfaces, primer may be required to increase adherence, and attention should be paid to the selection of primer suitable for its purpose.



## APPLICATION

- Insert the tip of the cartridge by cutting it and returning the application nozzle to the cartridge.
- Depending on the thickness of the application joint, cut the nozzle in the appropriate place.
- Place the cartridge in the silicone gun and apply.
- Before tying a silicone shell, fix the silicone with a finger or a thin piece of plastic/wood or a dry spatula, preferably within 5 minutes.
- Clean the contaminated silicone with a thinner-like solvent without allowing it to dry, as the dried silicone can only be cleaned by mechanical methods.



## PACKAGING OPTIONS

Gross 280 ml cartridge  
Package: 24 pcs cartridges



## SHELF LIFE AND STORAGE

In its undamaged, unopened, original packaging, in dry conditions, in an upright position between +10 °C and +30 °C, the shelf life is 15 months.



## ALERTS

- Since acetic acid vapor is created during application, ventilation should be provided especially in closed and humid environments.
- Not suitable for porous surfaces such as concrete, marble and granite.
- It should not be used for sticking mirrors.
- Since the silicone is single-component, it can only dry by reacting with the humidity in the air. It does not dry 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.