



Aquarium Silicone Sealant

A non-toxic, solvent-free silicone sealant for use in aquarium construction and glazing applications. It's a high-quality acetic curing system based silicone sealant featuring excellent adhesion to glass and many other non-porous surfaces.

Advantages:

- 100% silicone
- Very good bond and physical strength
- Rapid curing
- Non-toxic to fish
- One component, cures with atmospheric moisture
- Keep its elasticity at low and high temperatures
- Does not crack, discolor or shrink
- Resistant to many chemicals
- Resistant to UV radiation

Usage Areas:

- Bonding, sealing and repairing of aquariums
- Construction of glass structures
- On glass/aluminum structures
- Sealing of windows and doors
- Sealing of ventilation, heating and air-conditioning systems
- Glazing on aluminum frames and shop displays

How to use:

- Ensure that surfaces to be sealed are clean, dry and grease free.
- The application temperature must be between +41°F and +104°F.
- After the application, the sealant must be tooled with light pressure within 5 minutes to spread the material against the joint surfaces and to obtain a professional finish.
- Excess uncured sealant may be cleaned with solvent. Cured sealant can be removed barely mechanically.

Consumption (approx.):

Joint Width	0,2in	0,4in	0,5in
Joint Depth	0,2in	0,2in	0,2in
Efficiency / 10,1 oz	26,3 ft	16,4 ft	13,1 ft

Limitations:

- Not suitable for applications in direct contact with marble, granite or other natural stones.
- Not recommended for direct contact with mirror and metals such as lead, copper, zinc or brass as it may cause corrosion.
- Not paintable.



Safety

Ensure good ventilation of the work station.
Wear personal protective equipment. Do not eat, drink or smoke when using this product.
Always wash hands after handling the product. Store in a well-ventilated place.
Keep cool. Check MSDS guidelines for disposal and further information concerning safety.

Shelf Life:

The shelf life is 18 months if stored in unopened-original package in a dry place.

Packaging (Weight/Volume):

10,1 oz (Transparent, Black). 12 pcs in a box.

Physical & Chemical Properties

Chemical Structure: Silicone Polymer
Curing Mechanism: Acetoxy
Density: 1.02 ± 0.03 g/ml
Hardness Shore A: 24-30 (ISO 868)
Tensile Strength: ≤ 58 PSI (ISO 8339)
Tensile Strength: 174 PSI (ASTM D412)
Skin Time: 7-13 min. (73°F and 50% R.H)
Curing Rate: Min. 0,1 inch/day (73°F and 50% R.H)
Elongation at Break: $\geq 250\%$ (ASTM D412)
Elastic Recovery: 100% (ISO 7389)
Sagging: 0 inch (ISO 7390)
Change in Volume: $<5\%$ (ISO 10563) Service
Temperature: -40°F to +356°F Application
Temperature: +41°F to +104°F