

FINAL RTV SILICONE

Acetoxy cure, One component, RTV silicone. High-performance silicone sealant developed for sealing, bonding and repairing works where heat resistance is required.

PROPERTIES

- Excellent heat resistance after curing up to 250 °C permanently and up to 300 °C temporarily.
- 100% silicone.
- Remains flexible at low (-40 °C) and high (+250 °C) temperatures.
- Resists to mechanical enforcement after curing.
- Acetoxy cure, RTV silicon.
- Will not crack, shrink or become brittle.
- One component.

APPLICATION AREAS

- Sealing and bonding applications in automotives.
- On heating systems and ovens for sealing / tightness.
- Sealing and bonding in stoves.
- Gaskets in pumps and motors.
- Sealing chimneys.
- Other bonding and sealing applications where parts must perform at high temperatures.

SILICONE ADVANTAGES

- Silicone sealants outperform and outlast organic weatherproofing sealants.
- Silicone sealants have greater UV stability and temperature and weather resistance than organic sealants.
- Silicone sealants are inherently waterproof
- Silicone sealants remain flexible over a wide temperature range (-40 to 150°C) and are easy to apply in cold weather.
- Silicone sealants last longer and need to be replaced less often than many organic sealants, which reduces lifetime costs and contributes to sustainability.

SURFACE PREPARATION

Aluminum, light alloys and stainless steel	Degrease with alcohol or MEK
Other Metals	Lightly abrade then degrease as above
Plastics	Degrease using an agent recommended by plastics manufacturer
Concrete and other alkaline Surfaces	Brush and remove dust

STORAGE AND SHELF LIFE

The shelf life is 15 months if stored in unopened-original package in a dry place at temperatures between +5°C and +25°C.

COLORS

Red

PACKAGING OPTIONS

310gr cartridge / 24 box

SAFETY & DISPOSAL

Inhalation of the sealant vapor for a long period must be avoided. The application area must be ventilated properly. The uncured sealant must not be contacted for a long period. Cured silicone rubber bears no risk to health. Temperatures between +5°C and +25°C. Check MSDS guidelines for disposal and further information concerning safety.

WARNING

- It must not be used in totally confined spaces where sealant cannot cure due to lack of atmospheric moisture.
- Not recommended to use on porous surfaces like marble, natural stone, concrete etc.
- Because of acidic curing, it must not be used on mirrors and sensitive metals like copper, brazen, lead.
- Not over paintable.
- Do not use in conjunction with bitumen asphalt, neoprene and certain organic elastomers.
- Not appropriate for parts that are in continuous contact with fuels or surfaces that may bleed oils.

PRODUCT INFORMATION

Product Name	Composition	Typical Applications	Available Colors
Acetoxy Sealants			
SLT-5132 Sealant Acetoxy	Acetoxy; one-component; RTV silicone sealant	Suitable for sealing and adhesive applications; diverse sealing and bonding applications, such as space-filling rubber adhesive	Red

TYPICAL PROPERTIES

Product Name	Tack-free time, min	Flow, mm	Extrusion, g/min	Depth cure, mm/day	Durometer, Shore A, points	Density, g/cm ³	Elongation, %	Tensile, MPa
Acetoxy Sealants								
SLT-5132 Sealant Acetoxy	18	-	397	3.1	25	1.02- 1.07	475	2.4