

SEF-R

THE LIQUID GASKET

- The ideal gasket without molds
- Workable in few minutes
- Created for automotive applications
- It fills the unevenness
- Non corrosive
- Immediate results on water or air
- High chemical resistance; it resists also against engine oil
- High pressure and UV resistance
- Temperature range: -60°C to + 300°C
- Easy to remove



Notice

All information including images are given with the greatest care. Still, it is appropriate to users regardless of the test the suitability of each product for their own purposes. Tech-Masters is not liable for the completeness and accuracy of information and refuses warranty for your specific use. The guarantee, which Tech-Masters products provide, relates only to the standard conditions of sale of this product. In no case Tech-Masters can be held responsible for incidental damages, or damages for improper use or sale of the product to another customer.

SEAL FLEX HT RED

General Information

SEAL FLEX HT RED is a modified, uv-resistant sealant, based on acetox RTV silicone, that is essentially odorless. This non-corrosive silicone, with excellent adhesive properties, can be used on a wide variety of materials and especially where no discoloration or corrosion of sensitive materials is accepted.

SEAL FLEX HT RED forms a strong, tough, flexible and resilient elastomeric rubber, with excellent chemical and high temperature resistance, that maintains its flexibility at low temperatures and stability at high temperatures.

Apply SEAL FLEX HT without using any extra tools directly from the pressure can.

Technical Information

Form: paste
 Material: acetox RTV silicone
 Colour: red
 Odour: characteristic
 Density (at 20°C): 1,04 g/cm³
 Viscosity: non-sag paste
 Tack-free time: 10 min
 Cure time (at 23°C, 50% r.h.): 4mm/24h
 Hardness Shore A: 25
 Tensile strength: 1,8 MPa
 Shear strength (alu, 1mm): 2,0 MPa
 Elastic Modulus (100%): 0,52 MPa

Elongation at break: 500%
 Recovery from deformation: 98%
 Temperature resistance: -60°C to 300°C
 Dielectric strength: 20 kv/mm (ASTM D 419)
 Dielectric constant: 3 at 1 Mhz (ASTM D 150)
 Dielectric dissipation factor: 3x10-3 at 1 Mhz (ASTM D 150)
 Volume resistivity: 2x1015 OHM cm (ASTM D 257)
 Thermal conductivity: 315 cal/sec./cm², °C/cm
 Shelf life: 24 months in unopened packing below 25°C

Application and Use

- SEAL FLEX HT RED is developed for many industrial sealing and insulating application, including metal and glass construction, automotive, marine, mechanical engineering, screw thread connections, machine tools, maintenance, connections, air ducts, inlet and outlet manifolds, compressors, pumps, turbines, electrical/electronic, aerospace and consumer products.
- insulating and moisture-proofing of engine and electrical boxes
- sealing of water leakages on rear lights and body joints
- SEAL FLEX HT RED is jointing to: metals and different alloys, glass, ceramics and several kinds of synthetic materials
- SEAL FLEX HT RED is resistant to: light acids (up to 20%), glycol, fluor-chlorine-methane, butane, oils, greases, lubricants, petrol, kerosene, transmission and brake fluids, water, steam, antifreeze agents, fuel oil, alkali, saline solutions
- For an optimal adhesion, the surfaces should be dry and free from corrosion, oil/grease or dust. Therefore we recommend cleaning the surface with a solvent.
- We recommend to test SEAL FLEX HT on the substrate before use

Article nr	Name	Content	Shelf Life	Catalog
T571701	Seal Flex HT red 200ml	200ml	see imprint + 24 months	ADHESIVES AND SEALANTS
T571702	Seal Flex HT red 310ml		see imprint + 24 months	ADHESIVES AND SEALANTS

