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SEF-T

THE LIQUID GASKET

- The ideal gasket without molds
- Workable in few minutes
- Ideal for applications in electric and electronic field
- Translucent effect
- Non corrosive
- It fills the unevenness
- Immediate results on water and air
- High tensile shear strength
- High UV resistance
- Temperature range -60°C to +260°C
- Easy to remove



SEAL FLEX HT TRANSLUCENT

GENERAL INFORMATION

SEAL FLEX HT TRANSLUCENT is a modified sealant, based on oxime neutral curing chemistry, 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 TRANSLUCENT 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

In liquid condition:
Chemical basis: modified oxim silicone
State: translucent, thixotropic paste
Density: 1,28 g/cm³
Extrusion rate (at 25°C, 6 bar, 3.2 mm opening): > 1000g/min
Ignition point: 315°C

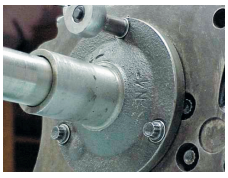
In hardened condition:
Tensile shear strength (EN 1465): 2.2 N/mm²
Ductile yield (ASTM-D-412): 280%
Hardness (Shore A)(ASTM-D-676): 40
Shrinkage: < 3%
Skinning time (ASTM-D-4678): 7 minutes
Curing process: ~2mm/24h at 50%rF
Dry surface (ASTM-D-4678): 40 minutes

Temperature range:
-60°C up to +260°C
Shortly up to +315°C
Thermal conductivity (ASTM D-2214/70): 0,002 $Jcm^{-1}\ s^{-1}\ K^{-1}$
Coefficient of elongation (ASTN EB-31): 20 x $10^{-5}\ K^{-1}$
Dielectric constant at 1 MHz (ASTM D-150): 2,8
Loss factor at 1 MHz (ASTM D-150): 0,002
Breakdown voltage (ASTM D-149): 16kV/mm
Specific volume resistance (ASTM D-257): 10^{15} Ω
Store the original unopened container in a cool, dry location. Optimal storage temperature: +8°C to +23°C.
Shelf life: 1 year in cartridge, 2 years in metal tube or can.
Safety measures: consult the Safety Data Sheet.

APPLICATION AND USE

- SEAL FLEX HT TRANSCLUCENT 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.
- Sealing and protection of elements where translucent effect is required
- Insulating electric and electronic components
- Insulating and sealing of external lamps
- Sealing and protection of electrical connections and building elements
- Insulating and moisture-proofing electric contacts on towing hook outlets
- Prevents corrosion when mounting aerials, alarm systems, steel plate constructions, ...
- SEAL FLEX HT TRANSLUCENT is jointing to: metals and different alloys, glass, ceramics and several kinds of synthetic materials.
- SEAL FLEX HT TRANSLUCENT 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 free from corrosion, oil/grease or dust. Therefore we recommend cleaning the surface.
- We recommend to test SEAL FLEX HT on the substrate before use

Article nr	Name	Content	Section
T571601	Seal Flex HT trans	200ml	ADHESIVES AND SEALANTS





NOTICE

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