



SLX-3

Seal-X 300

HIGH TEMPERATURE SILICONE SEALANT

- High-quality RTV silicone, neutral cross-linked
- Easy and even dosing possible
- Very good modeling, smoothing and processing properties
- Especially for the industrial and automotive sectors
- Non-corrosive, therefore no effects on electronic components
- Fills unevenness and tolerances
- Immediate results with watertight and airtight joints
- High chemical resistance
- High pressure and UV resistance
- Very good ageing stability
- Color-fast
- Low odor
- Electrical insulation properties
- Acid and alkali-free - suitable for alkaline and metallic substrates
- Temperature range: -60 °C to +300 °C (330 °C for short periods)
- MEKO free



Notice

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General Information

SEAL-X 300 is a high-quality RTV silicone. The different application variants enable quick, easy and even dosing and are characterized by very good modelling, smoothing and processing properties. SEAL-X 300 is particularly suitable for industrial and automotive applications. SEAL-X 300 is highly resistant to chemical liquids. SEAL-X 300 is suitable for the temperature range between -60 °C and +300

°C, is non-corrosive and therefore has no effect on electrical components. SEAL-X 300 fills imperfections and tolerances, has electrical insulating properties and provides immediate results for watertight and airtight joints. Furthermore, SEAL-X 300 offers high pressure and UV resistance and has very good ageing stability. SEAL-X 300 is color-fast, low-odor, acid- and alkali-free, for alkaline and metallic substrates.

Technical Information

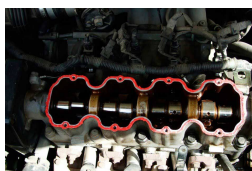
Form: paste
Colour: red
Odour: characteristic
Density (at 20 °C): 1,16 ± 2 g / cm³
Viscosity: non-sag paste
Skin-formation time: 12 ± 5 min
Tack-free time: 10 min
Cure time (at 23 °C, 50 % RH.): ~ 2-3 mm / 24 h
Hardness Shore A: 25 ± 3
Tensile strength: 1,10 N / mm²

Shear strength (alu, 1mm): 2,0 MPa
Movement ability: 25 %
Elastic Modulus (100%): < 0,4 N / mm²
Elongation at break: >600%
Recovery from deformation: >70 %
Volume shrinkage: < 5 %
Processing temperature: 0 - +40 °C
Storage temperature: +5 - +30 °C
Storage stability at 23°C/50% RH: 24 months
Temperature resistance: -60°C to 300°C

Application and Use

- SEAL-X 300 for the automotive sector, boiler construction, industrial plant construction
- For example, machine and engine housings, threaded and flanged connections, connections, air ducts, inlet and outlet manifolds, compressors, pumps, turbines, fuel and water pumps, gearbox, front and camshaft bearing covers, crankcase and valve covers, cooling systems, ventilation systems, heating oil burners, heat exchangers and much more.
- Stove and chimney transitions and connections, heating installations, flue gas and ventilation systems, stove connections
- Insulation and moisture protection of electronic contacts and for sealing joints or moisture leaks
- SEAL-X 300 is suitable for: Steel, stainless steel, aluminum, various alloys such as copper, glass, ceramics, synthetic materials, enamel, tiles, tinplate and glazed surfaces such as wood
- SEAL-X 300 is resistant to: light acids (up to 20%), glycol, fluorochloromethane, butane, oils, greases, lubricants, petrol, kerosene, transmission and brake fluids, water, steam, antifreeze, heating oil, alkalis, salt solutions
- For optimum results, the surface should be free of rust, corrosion, grease and dust
- Pre-priming on concrete, mineral plaster and fiber cement if necessary
- Not suitable for natural stone
- Preliminary tests are recommended on plastics such as PMMA and polycarbonate (stress cracks)
- Avoid contact with bitumen, tar or plasticizer-releasing materials (EPDM, butyl, foams), as this can lead to incompatibilities

Article nr	Name	Content	Shelf Life	Catalog
X571701	Seal-X 300 red 200ml	200ml	see imprint + 24 months	ADHESIVES AND SEALANTS



TECH-MASTERS TRADING GMBH

Perfektastraße 55, 1230 Wien, Austria, Tel +43 (0) 1 / 867 29 07
Fax +43 (0) 1 / 867 29 93, E-Mail office@tech-masters-trading.com

WWW.XINTEX-GROUP.COM