DATA SHEET



HIGH TEMPERATURE SILICONE SEALANT

It is a single-component, elastomeric sealant resistant to high and low temperatures, -54 to 250 °C, and periods of up to 315 °C; it is a gasket forming compound in mechanical assemblies. It displays remarkable mechanical and physical properties, it is flexible, resistant to lubricants, ATF, oils and coolants.
It builds gaskets on engines, parts subjected to extreme temperatures, such as: Valve covers, crankcases, timing covers, differential covers, heating unit sealing, furnaces, etc. Reinforcement for cylinder-head metal gaskets and for bundle of snake header gaskets. It is used in gearboxes, differentials, internal combustion engines, speed reducers, hydraulic and pneumatic equipment.

Specifications

Feature	Unit	Value
Tested at 23 °C±2 °C, 50%±5% RH		
Specific gravity	-	1.08
Hardness	shore A	14 - 17
Modulus	Mpa	0.8
Stretching	%	>500
Application temperature	°C	5-45
Thermal resistance (constant)	°C	-54 a 250
Presentation	280 mL Tubes / 85 g Cartridges	
Color	Red	

Applications

- General purpose.
- Engine gasket builder.
- It is resistant to high temperatures, such as: Valve covers, crankcases, timing covers, differential covers, heating unit sealing, furnaces, etc.
- Reinforcement for cylinder-head metal gaskets and for bundle of snake header gaskets
- It is used in gearboxes, differentials, internal combustion engines, speed reducers, hydraulic and pneumatic equipment.

Features

- High flexibility and elasticity.
- Resistant to lubricants, oils and coolants.
- It absorbs vibrations and bumps.
- Fine electrical insulator.

Instructions for Use

Apply on the intended surface, which should be clean and free of oil and dust.
Once finished, silicone residues shall be removed immediately after application and before film formation.
Film formation takes place within 25 minutes, it is dry to touch within 1 hour and it is fully cured after 24 hours (times may vary according to environmental conditions.)
Do not use for structural bonding.

Warranty

See expiration date. Store in a fresh, dry and ventilated location, under 5 - 27 °C temperatures, and between 30% and 70% of humidity; avoid high-temperature exposure.
To avoid contamination of unused product, do not return any material to its original content.

The provided information is based on experimental results under controlled temperature and humidity conditions, and its repetitiveness depends on external conditions, application methods and tools used. TACSA shall not be held liable for any loss, injury, damage or detriment resulting from an incorrect handling or misuse of the product. Its suitability shall be previously determined for the intended purpose.