Silicone Sealants

Features

- Ecological, free from harmful solvents
- High-temperature resistant (-65 °C to +260 °C, short-term up to +380 °C)
- Oil, gasoline, and grease resistant
- High elastic recovery, flexible and fast-curing
- Excellent adhesion to smooth and difficult surfaces, can replace fixed gaskets

RS PRO Professional Ecological Silicone

RS Stock No.: 0802718



RS PRO is the own brand of RS. The RS PRO Seal of Approval is your assurance of professional quality, a guarantee that every part is rigorously tested, inspected, and audited against demanding standards. Making RS PRO the Smart Choice for our customers.

Silicone Sealants

General Specifications

Oil-Resistant High-Temperature Sealant

- *Use: Eco-friendly high-temperature sealing*
- *Applications: Engines, gearboxes, pumps, construction parts.*
- *Surfaces: Metal, glass, ceramics, plastics*

General Specifications

Chemical Type	Polydimethylsiloxane – elastomers
Product Form	Paste
Colour	Gray
Package Size	210 g
Package Type	Applicator
Physical Properties	Permanently flexible, Viscous paste, Non-corrosive to metals, Resistant to oils, gasoline, greases, Matte finish, Suitable for alkaline substrates (concrete, mortar, fiber cement), ±20% permissible movement, Shore A hardness 22, Tensile strength 0.5 N/mm², Ultimate elongation 250%, Density approx. 1.40 g/cm³, Temperature resistance -65°C to +380°C (temporarily), Neutral curing system
Cure Time	3-4 mm/24 h
Odour	Alcohol-like
Chemical Composition	Polydimethylsiloxane, Filler, Auxiliaries, Acetoxysilane crosslinker, Contains Trimethoxyvinylsilane (<2%)
Minimum Operating Temperature	-65°C

Maximum Operating Temperature	+380°C
Operating Temperature Range	-60 °C to +380 °C
Special Features	Environmentally Friendly; Neutral Cure; Oil Resistant; Gasoline Resistant; Long-Term High Temperature Resistance; Excellent Adhesion to Rough Surfaces; Non-Corrosive; Matte Finish; Can Be Used Instead of Fixed Gaskets; One-Component; Moisture-Curing
Food Processing Safe	Not specified
Application	Sealing all surfaces; Automotive sealing (engine parts, gearbox covers, water pumps, thermostats, oil pans, cylinder heads, timing covers); Can replace fixed gaskets; Construction and Industrial sealing tasks; Application Temperature: +5°C to +40°C

Mechanical Specifications

Viscosity Measurement	Not specified
Elongation	250% (ISO 8339-A)
Hardness	22 Shore A (ISO 868)
Specific Gravity	1.40 g/cm³ (23 °C, ISO 1183-1 A)
Dielectric Strength	N/A
Tensile Strength	N/A
Dimensions	N/A