Silicone Sealants

Features

- Resistant to fuels, oils, and coolants
- Replaces traditional gaskets
- Moisture-curing system
- High elastic recovery
- One-component, easy application

RS PRO Professional Silicone

RS Stock No.: 0802716



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: High-temperature, oil-resistant sealing (-65°C to +380°C).*
- *Applications: Machines, fireplaces, engines, chimneys.*
- *Surfaces: Glass, ceramics, aluminium, metal.*

General Specifications

Chemical Type	Acetoxy Silicone / Polydimethylsiloxane
Product Form	Paste
Colour	Red
Package Size	210 g
Package Type	Applicator
Physical Properties	Acetoxy Cure; Flexible; High Elasticity; High Elongation; High Performance Silicone; High Temperature; High Temperature Adhesive Paste; High Tensile Strength; Low Linear Shrinkage; One Part Compound; Oxidation Resistant; Shore Hardness; Single Component; Waterproof; Weather Resistant
Cure Time	3-4 mm/24 h
Odour	Acetic Acid
Chemical Composition	Polydimethylsiloxane, Filler, Auxiliary agents, Acetoxysilane crosslinker

Minimum Operating Temperature	-60°C
Maximum Operating Temperature	+380°C
Operating Temperature Range	-60 °C to +380 °C
Special Features	Delivers Excellent Thermal Resistance; High Temperature Resistance; Oil Resistance Properties; Resistance to Oxidation and Many Oils; Retains High Flexibility; Specially Formulated for Perfect Sealing; Used Between Heat Generating Devices and the Surfaces; Weathering
Food Processing Safe	No
Application	Engineering; Industrial; Gasket Sealing; Sealing; Sealing and Caulking; Jointing; Metal; Thermal Management; Permanent Elastic Bonds; Oily Surfaces; Pipe Sealing; Specialty Vehicle

Mechanical Specifications

Viscosity Measurement	approx. 800,000 mPa·s (dynamic)
Elongation	> 500 % (DIN 53504)
Hardness	25 ± 5 Shore A
Specific Gravity	approx. 1.1 g/cm³ (depending on color)
Dielectric Strength	N/A
Tensile Strength	N/A
Dimensions	N/A