# 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.: 0802717




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.

## 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

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|---|---|
| **Chemical Type** | Acetoxy Silicone / Polydimethylsiloxane |
| **Product Form** | Paste |
| **Colour** | Black |
| **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 |

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| **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

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|---|---|
| **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 |