

**INDUSTRY  
SOLUTIONS.**

**Material  
Solutions.**

**CHT**

**SMART CHEMISTRY  
WITH CHARACTER.**

# **SilSo TRANSPORTATION**

- ▶ Superior chemical resistance
- ▶ Wide operating temperature range
- ▶ Outstanding adhesive integrity
- ▶ Environmentally sustainable products

## **SilSo APPLICATIONS**

Silicone Solutions that make your life easier.



# SilSo TRANSPORTATION

You need the security that comes from knowing all your components are reliable, whether they are control units, instrumentation, engine and chassis or interior fittings. Your customers will experience the safe and efficient solutions that result when the manufacturer selects materials and products from the SilSo TRANSPORTATION series. Our silicone elastomers provide environmentally friendly ways to extend product life by protecting vehicles from harsh environments, vibration, moisture ingress and extremes in temperature.

## SilSo APPLICATIONS

Silicone Solutions that make your life easier.

SilSo TRANSPORTATION						
Adhesives	Product	Features	Rheology	Hardness Shore A	Max Temp °C	Tensile MPa (psi)
<b>1-Part RTV</b>						
	Silcoset 151	Aerospace approved, self-levelling, white, food contact approved, RTV	Flowable	43	300	2.9 (421)
	Silcoset 152	Aerospace approved, white, high temperature 300 °C paste, RTV	Paste	40	300	2.3 (334)
	Silcoset 153	Aerospace approved, UL listed, translucent paste, RTV, UL94 HB approved	Paste	39	250	2.3 (334)
	Silcoset 158	Aerospace approved, black, high temperature 300 °C paste, RTV	Paste	38	300	2.3 (334)
	AS1740R	Meets MIL A-46146B, self-levelling translucent RTV, non-corrosive, excellent adhesion, UL 94 HB	Flowable	27	200	2.5 (363)
	AS1802	Thermally conductive 2.3 W/mK, black paste RTV, non-corrosive, excellent adhesion, UL94 V-0 approved version available, fast skin time	Paste	67	220	3.9 (566)
	AS1421-100	Thermally conductive 2.1 W/mK, grey, addition curing paste RTV, non-corrosive, excellent adhesion, accelerate by temperature, UL94 V-0 approved	Paste	56	210	2.2 (320)
	ESP 763	Excellent adhesion to many substrates, fast curing time, non-corrosive, high temperature > 300 °C and chemical resistance	Paste	31	316	4.8 (700)
Encapsulants	Product	Features	Viscosity mPas	Hardness Shore A	Max Temp °C	Mix Ratio
	QSil 553LV	Low viscosity 4,000 cps, low, modulus, thermally conductive 0.7 W/mK, UL94 V-0 encapsulant	4,000	45	240	1:1
	SilSo SE 2014	Lightweight, 1:1 addition cure, high temperature and high pressure resistance for cable coating, excellent electric properties (Thermal conductivity 0,14 W/mK; Dielectric Constant@1 Mhz 2.29)	10,000	67	200	1:1
Gels	Product	Features	Viscosity mPas	Hardness Shore 00	Colour	Penetration mm
	EGel3002	1:1 soft addition curing, high tack and mechanical adhesion to many substrates	2,000	N/A	Transparent	5.5

The data are standard values and not suitable for establishing specifications! Please note that the given values were determined in the laboratory and have to be verified in tests on your own for your specific manufacturing under the conditions in practice. Liability cannot be derived from this information. Liability can be assumed only for the consistently high quality of our products.

10/2020

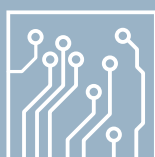
## More SilSo APPLICATIONS



**SilSo ADHESIVES**  
Industrial Adhesives



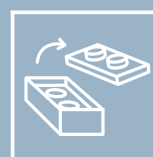
**SilSo INJECTION MOULDING**  
Liquid Silicone Rubber



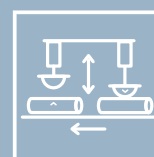
**SilSo ELECTRONICS**  
Electronic Potting



**SilSo MEDICAL**  
Medical Applications



**SilSo MOULDING**  
Mould Making & Rapid Prototyping



**SilSo PAD PRINTING**  
Silicone Print Pads