

**INDUSTRY
SOLUTIONS.**

**Material
Solutions.**

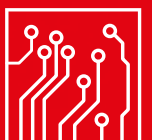
CHT
SMART CHEMISTRY
WITH CHARACTER.

SiLSo ELECTRONICS

- ▶ High temperature stability
- ▶ Outstanding electrical durability and strength
- ▶ Enhanced thermal management
- ▶ Exceptional protection from moisture

SiLSo APPLICATIONS

Silicone Solutions that make your life easier.



SilSo ELECTRONICS

Electronic components need protection from moisture, dust and contaminants found in everyday use. This protection can be provided by using RTV (room-temperature-vulcanizing) silicone elastomers for potting, encapsulating and coating of sensitive electronic components. Our SilSo ELECTRONICS range have outstanding high temperature and weather resistance, they cushion vibrations and have excellent electrical insulation and heat dissipating properties.

SilSo APPLICATIONS

Silicone Solutions that make your life easier.

SilSo ELECTRONICS						
Encapsulants	Product	Features	Viscosity mPas	Hardness Shore A	Max Temp °C	Thermal Conductivity W/mK
2-Part Condensation Cure						
	Silcoset 101	Aerospace approved, high temperature +300 °C encapsulant	40,000	61	250	0.4
	Silcoset 105	Aerospace approved condensation cure encapsulant	9,000	45	220	0.2
2-Part Addition Cure						
	QSil 214	Optically clear, fast cure, 40 shore A, UL listed 1:1 encapsulant	6,000	40	200	0.2
	QSil 216	Optically clear, UV stable, low viscosity, 40 shore A, 10:1 encapsulant	4,500	40	200	0.2
	QSil 553	Low modulus, thermally conductive 0.7 W/mK, UL94 V-0, encapsulant	6,000	45	240	0.7
	SE3000	Very low viscosity, low volatile content, UL94 V-0 certified	2,000	40	250	1.2
	KÖRAFORM A 69	Low viscosity, long potlife, heat accelerated cure	1,400	60	250	0.7
Gels	Product	Features	Viscosity mPas	Hardness Shore 00	Colour	Penetration mm
	EGel3000	Optically clear, low viscosity	600	N/A	Transparent	2.5
	EGel3003	Heat curing adhesive gel, low viscosity	450	N/A	Translucent	1.9
	QGel 311	Optically clear, low penetration soft silicone gel, fast cure	1,000	N/A	Transparent	7.0
	TufGel 330	Tough resilient, 45 shore '00', low viscosity, transparent silicone gel	700	45	Transparent	N/A
	TufGel 336	Tough resilient, 50 shore '00', black silicone gel	400	50	Black	N/A
Coatings	Product	Features	Viscosity mPas	UV Trace	Max Temp °C	
	ACC15	UL 746 E certified, medium viscosity, fast curing coating, solvent-free	1,180	Yes	200	
	ACC17	UL 746 E certified, low viscosity, fast curing coating, solvent-free	400	Yes	200	

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



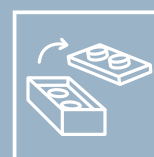
SilSo INJECTION MOULDING
Liquid Silicone Rubber



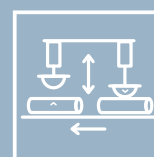
SilSo MEDICAL
Medical Applications



SilSo TRANSPORTATION
Mobility & Transportation



SilSo MOULDING
Mould Making & Rapid Prototyping



SilSo PAD PRINTING
Silicone Print Pads