

ThermoSink Products

Thermal gels and encapsulants offer the most flexibility in formulating to a flowable or non-flow product that fully cures to soft gel or firm elastomer for long term stability in thermal cycling.

The cure rate can also be adjusted for rapid room temperature or with long working time followed by heat curing.

ThermoSink can be used as a TIM between component and heat sink or assemblies can be encapsulated for optimum thermal management.

Most are offered in a two-component 1 :1 mix ratio package for automated meter-mix and dispensing.

Thermally Conductive Silicones

ThermoSink is a two-component, low viscosity, thermally conductive silicone elastomer that cures rapidly at room temperature.

It is designed for electrical potting and/or thermal interface applications where high-performance heat transfer and thermal management is required.

ThermoSink Physical Properties Chart

	Mixed Visc	Pot Life	Cure Time	Specific Gravity	Mix Ratio	Thermal Cond.	Hardness	Flame Resistance	Data Sheet
ThermoSink 35-3	15,000 CPS	20 Mins	4 Hrs (RT) 15 Mins (125C)	2.9-3.2	1 to 1	>3.4 W/m Deg K	55 Shore A	UL V-0	PDF
ThermoSink 35-4	40,000 CPS	10 Mins	15 to 35 Mins(RT) <5 Mins (125C)	2.9-3.3	1 to 1	>3.4 W/m Deg K	55 Shore A	UL V-0	PDF
ThermoSink-35-5	15,000 CPS	20 Mins	4 Hrs (RT) 15 Mins (125C)	2.9-3.2	1 to 1	>3.4 W/m Deg K	30 Shore A	UL V-0	PDF

Applications

Automotive, electronic assembly, power supplies

Features

Thermally conductive, water resistant, fast set, RT cure, RoHS Compliant

Substrates

Engineered plastic, metal, ceramic, glass

Packaging

25 kg plastic pails



Puretecs GmbH
Fabrikstraße 18 - D-73277 Owen
Telefon: +49 (0)7021 8608838
info@puretecs.de
www.puretecs.de