

# Thermal Conductive Paste

# multicomp<sup>PRO</sup>

**RoHS  
Compliant**

## Description

The product from multicomp-Pro is a one component, Non-drying thermally conductive paste. It contains NO SILICONE. It is based on a synthetic base-stock.

The filler content has been specifically chosen to enable close-proximity of heat sink to substrate and maintains good thermal conductivity at all temperatures.

It has excellent flow, thixotropic (Non- Slumping) yet still has flow through a small nozzle with minimum effort, excellent resistance to mould growth, excellent dielectric properties at all frequencies, non-corrosive to Cadmium and Zinc plate and is REACH & ROHS compliant: Contains NO SVHC's

Properties	Result	Unit
Colour	White	
Weight loss (24 hours @150°C)	0.52	%
Viscosity (@ 20°C)	200	Pa.s
Specific gravity (@ 20°C)	2.0	
Thermal Conductivity	0.91	W/m.k
Dielectric Strength	45	kV/mm
Dielectric Constant (@ 20°C)	2.5	100Hz
Dissipation factor (@ 20°C)	0.028	100Hz
Volume Resistivity	$1 \times 10^{15}$	ohm.cm
Insulation resistance	$1 \times 10^{12}$	ohms
Temperature range	-50 to +130	°C

## Approvals

UL94 V-0	No
REACH (SVHC concentration)	Refer to SDS

## Storage and Shelf Life

12 months at 25°C in Syringes. Store horizontally. "Product may settle during storage, if this occurs; dispense and discard any clear liquid"

Storage at 25 ±10°C is optimum for most products

Some systems are prone to settling due to high filler content and should be inverted every two to three weeks to reduce the accumulation of the fillers on the bottom of the containers.

Inventory should be rotated on a FIFO (first in, first out) basis.

## Health and Safety

MP000433 health and safety data or our technical service department for individual/specific advice.

## Part Number Table

Description	Part Number
Thermal Conductive Paste, White, Syringe, 30ml	MP000433
Thermal Conductive Paste, White, Container, 1kg	MP000434

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