

TG-4040D

High performance gap filler



Description

TG-4040D is an ultra conformable, high performance putty type gap filler. It is designed for when heat transfer is needed between delicate components where the pressure must be minimised. TG-4040D is designed to fill gaps from 0.25 - 8mm with little or no stress generated. The silicone based formulation will adhere to all surfaces, such as metal housings, ceramic and plastic IC packages and FR4 boards to give a low thermal resistance path for heat transfer.

TG-4040D is available in 30cc syringes, 6 and 12oz cartridges, 1kg cans and 5 gallon pails



Installation Guidelines

Thermal gels are supplied in plastic syringes and aluminium cartridges. Apply pressure to the rear of the cartridge, simply dispense the desired amount onto components or cooling plates. The gel is reworkable and excess material can be easily wiped off.

Property	TG-4040D	Test Method
Colour	Dark blue	-
Description	One part silicone based putty	-
Viscosity /mPas	3,000,000	-
Density / gcm ³	2.6	ASTM D792
Thermal Conductivity / W/mk	3	ASTM D5470
D4-10 /ppm	50	GC / MS
TML / %	0.3%	ASTM E595
CVCM / %	0.09	ASTM E595
Volume Resistivity / Ohm cm ¹	10 ¹⁴	
Working Temperature / °C	-50 to 180°	