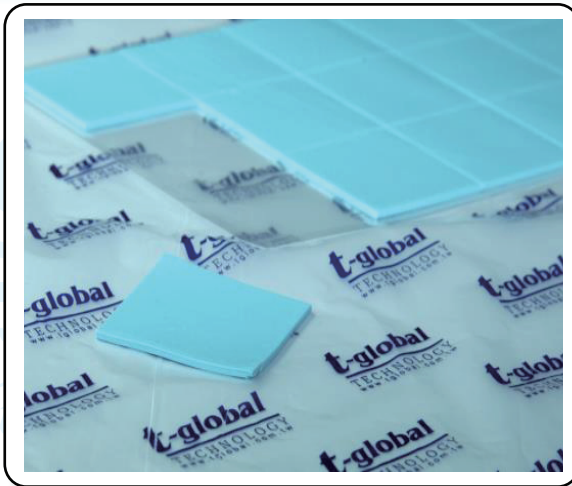


TG4040HF 超軟導熱矽膠 Ultra Soft Thermal Pad



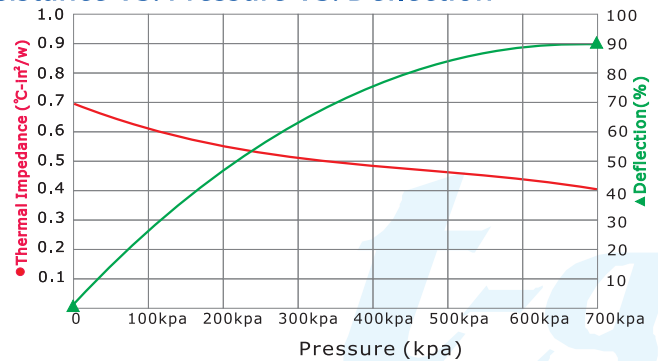
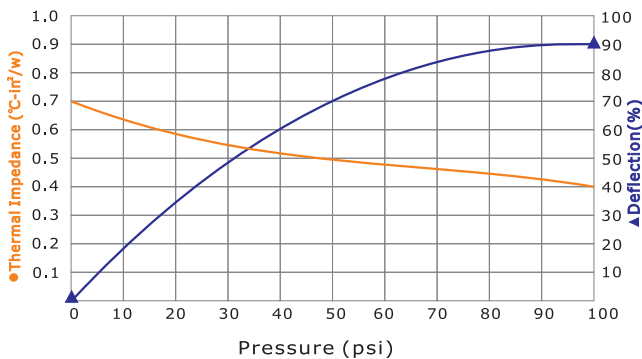
產品特性 Features

Very good thermal conductivity 良好的導熱性
Compliancy, high compressibility 高壓縮性 · 可壓縮90%
Natural tack 自黏
Low oil bleed- long term stability 低出油 · 高可靠度
Electrical insulation 高電氣絕緣

產品應用端 Applications

Electronic components: IC, CPU, MOS
LED, M/B, P/S, Heat Sink,
LCD-TV, Notebook PC, PC, Telecom Device, Wireless Hub.....etc
DDR II Module, DVD Applications, Hand-set applications.....etc

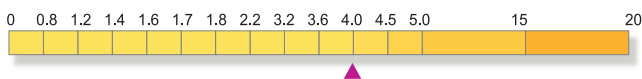
熱阻抗VS.壓力VS.變形量示意圖 Thermal Resistance VS. Pressure VS. Deflection



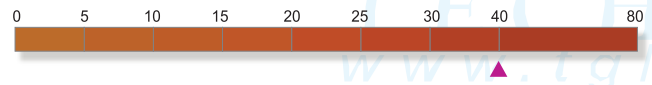
產品物性 Properties

REACH Compliant 符合REACH規範 RoHS Compliant 符合RoHS規範

Thermal Conductivity 導熱係數 : 4W/m.K



Hardness 軟硬度 : 40 (Shore 00)



Testing sample thickness: 1.0mm

In "Thermal resistance V.S. Pressure V.S. Deflection" chart, TG4040HF provides low thermal impedance. The pressure gets higher, the thermal impedance gets lower, and deflection percentage gets higher. TG4040HF provides good compliance and softness.

Properties	TG4040HF	Unit	Tolerance	Test Method
Color 顏色	Blue藍	-	-	Visual目視
Thickness 厚度	0.25~5.0	mm	-	ASTM D374
	0.0099~0.1969	inch	-	ASTM D374
Thermal Conductivity 導熱係數	4	W/m.k	±0.4	ASTM D5470
Flame Rating 耐燃等級	V-0	-	-	UL 94
Dielectric Breakdown Voltage 耐電壓	12	kV/mm	±1.2	ASTM D149
Weight Loss 重量損失	<1	%	-	ASTM E595
Specific Gravity 比重	2.8	g/cm ³	±0.28	ASTM D792
Working Temperature 工作溫度	-45~+200	°C	-	-
Volume Resistance 體積阻抗	>10 ¹²	Ohm-cm	-	ASTM D257
Elongation 延展率	100	%	±13	ASTM D412
Tensile Strength 抗拉強度	1	Kgf/cm ²	±2	ASTM D412
Standard Shape 標準形狀	-	Sheet ones單片狀	-	-
Hardness 硬度	40	Shore 00	±5	ASTM D2240

Need samples? 樣品需求?

Pre-cut for different shapes 可依需求沖型裁切



1. Choose the P/N
2. Fill into size: x,y,z
3. Fill the quantity you need