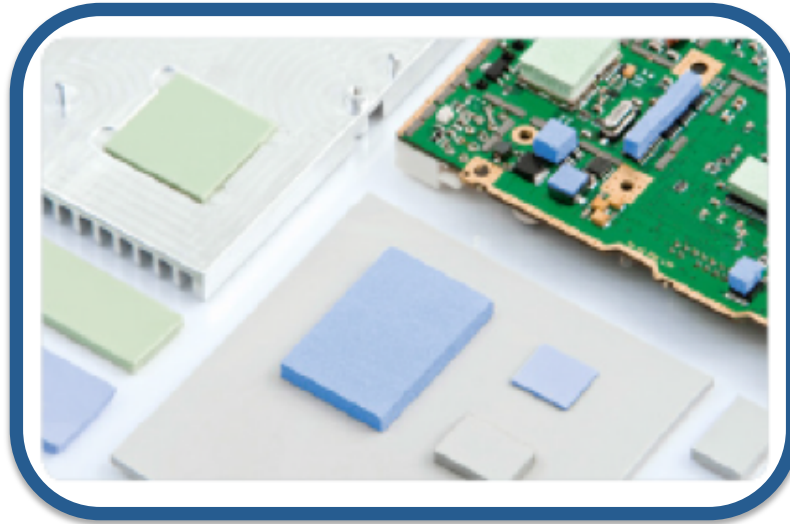


Thermal Gap Pad EU-TF120



EU-TF120 is a highly compressive gap filler designed to provide excellent thermal performance while remaining cost effective. Its high rate of compliancy allows the material to “totally blanket” the component, enhancing thermal transfer. The material has a very low compression set enabling the pad to be reused many times.

EU-TF120's unique silicone gel formulation has a thermal conductivity of 1.2 W/mK and guarantees low thermal resistances at low pressures.

EU-TF120 is naturally tacky on both sides, requiring no adhesive coating to inhibit thermal performance. EU-TF120 is electrically insulating, stable from -40°C to 160°C and meets UL 94V0 rating.

SPECIFIC PRODUCT CHARACTERISTICS:

Features&Benefits	Configurations	Typical application
<ul style="list-style-type: none"> • Thermal conductivity 1,2 W/mK • Extreme soft and compliant • Available in thicknesses from 0,5mm thru 5,0mm 	<ul style="list-style-type: none"> • Sheet 228x228mm • Die cut parts • Kiss cut parts on sheet • Tacky on one side only (suffix “D”) • Metallized carrier on one side (suffix “H”) 	<ul style="list-style-type: none"> • Memory modules • Telecommunication hardware • Mass storage devices • Automotive electronics • LED solid state lighting • LCD and PDP flat panel TV • Radios • Power electronics • IT infrastructures

PRODUCT PROPERIES:

Properties	EU-TF120	Test Method
Colour	Light Green	Visual
Construction	Filled silicone elastomer	-
Thermal Conductivity	1,2 W/mK	ASTM D5470
Density	1,78 g/cc	H.P.
Operating Temperature	-40°C to 160 °C	-
Hardness	27 shore 00	ASTM D2240
Volumic Resistivity	10 ¹³ ohm-cm	ASTM D257
UL Flamming Rating	94 V0	UL
Thickness Range	0,5mm – 5,0mm	-
Outgassing TML	0,56%	ASTM E595
Outgassing CVCM	0,10%	ASTM E595

CUSTOMIZATIONS:

Die Cutting	Water Jet Cut	Plotter Cut
		

Our customer are reminded that they bear the responsibility for testing Euro Technologies, Srl materials for their proposed use. Due to various application possibilities and conditions which are beyond our control, customers should carry out their own tests to determine the suitability for individual applications.

We reserve the right to change technical specifications without notice and take no responsibility for errors and misprints.