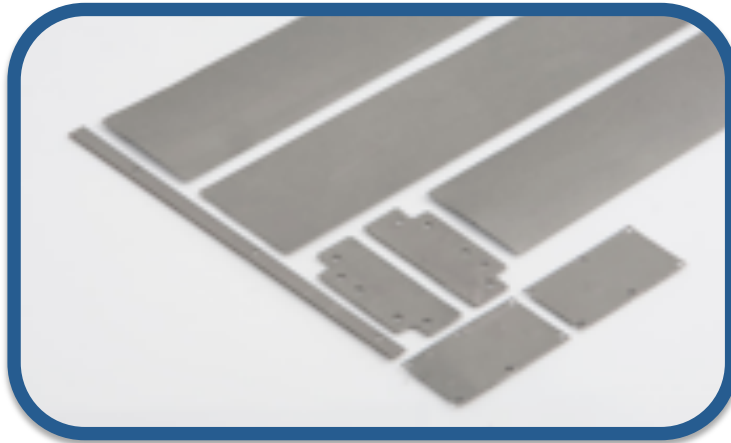


Thermally & Electrically Conductive EU-GR800



This product family is a high-performance and cost effective thermal interface material. **EU-GR800** can be used when electrical insulation is not required. Its unique construction allows it to perfectly conform to surfaces, thus maximising heat transfer.

It's a 98% graphite composition and it can be considered a valuable dry alternative to thermal compound. **EU-GR800** is available with or without PSA (Pressure Sensitive Adhesive) on one side.





SPECIFIC PRODUCT CHARACTERISTICS:

Features&Benefits	Configurations	Typical application
<ul style="list-style-type: none"> • Thermal Conductivity 240 W/mK in X-Y axis and 6 W/mK in Z Axis • Low thermal resistance • Temp. range -240 to 300°C • Easy to handle and die-cut 	<ul style="list-style-type: none"> • Sheet 457x610mm • Die cut parts • Adhesive side option (suffix "-1") 	<ul style="list-style-type: none"> • Power supplies • Notebook computers • Power conversion equip. • Large telecom switching hardware

PRODUCT PROPERIES:

Properties	EU-GR800	Test Method
Colour	Dark Grey / Black	Visual
Construction	Graphite composite	-
Thickness	0,13 / 0,25 / 0,50 mm	-
Hardness	85 Shore A	ASTM D374
Tensile Strenght	650 psi	ASTM D412
Operating Temperature Range	-240 to 300 °C	-
Z Plane Thermal Conductivity	6 W /mK	ASTM 5470mod
X-Y Plane Thermal Conductivity	240 W / mK	ASTM 5470mod
Thermal Resistance	0,07°C-in ² /W (@100psi) 0,42°C-cm ² /watt (@681kPa)	ASTM 5470mod
UL Flamming Rating	94 V0	UL
Volume Resistivity	11X10 ⁻⁴ OHM-CM	ASTM D257
Outgassing TML	0,15%	ASTM E595
Outgassing CVCM	0,01%	ASTM E595

CUSTOMIZATIONS:

Die Cutting	Water Jet Cut	Plotter Cut	Adhesivation
			

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.