

## Technical information : TERMAL INTERFACES

### Description:

Our thermal interface materials **transfer heat** from a hot to a cold point. They **remove the air zones** between the hot surface of a component and the heatsink. They are cut according to your drawings and they are available in sheets or rolls depending on their dimensions.

Our range consists of three main families: **silicone** base, **silicone free** and **graphite**.

<b>Material</b>	Silicone base, silicone free or graphite base
<b>Manufacturing processes</b>	-
<b>Packaging</b>	Sheets, Rolls or cut according to your drawings
<b>Options</b>	Several finishings for most of them tardened on one isde, AL foil, etc
<b>Prototyping</b>	-

Family	Thermal conductivity (W/m.K)	Thickness (mm)	Hardness
<b>P</b> (Putty)	6 to 13 according to references	0.50 to 2.5 according to references	Low Modulus Shore 00
<b>V</b> (Putty Ultra Thin)	11 to 17 according to references	0.22 to 0.5 according to references	Low Modulus Shore 00
<b>H</b> (High Performance)	4.5 to 17 according to references	0.50 to 5.0 according to references	45 to 75 Shore 00
<b>M</b> (Soft)	1 to 5 according to references	0.50 to 10.0 according to references	5 to 30 Shore 00
<b>B</b> (Ultra Soft)	1 to 2.8 according to references	0.50 to 5.0 according to references	25 to 26 Shore 00
<b>E</b> (Electromagnetic Waves Absorbers & Thermal Conductive Pads)	1 to 2.8 according to references	0.50 to 3.0 according to references	28 Shore 00
<b>S</b> (Silicone free)	1.4 to 1.5 according to references	0.50 to 2.0 according to references	53 Shore 00
<b>G</b> (Standard)	1 to 5 according to references	0.50 to 10.0 according to references	50 Shore 00
<b>K</b> (Kapton)	0.8 to 1.3 according to references	0.15	98 to 99 Shore 00
<b>T</b> (Thin)	0.9 to 2.9 according to references	2.9 to 3.0 according to references	88 to 90 Shore A // 80 to 87 Shore 00