

This Softtherm® material is a good alternative if you are looking for a high insulation, a very good compressibility and a good thermal conductivity.

APPLICATIONS

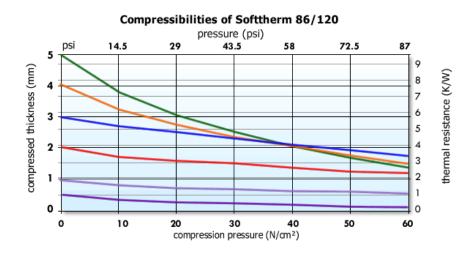
- **RD-RAM Memory Module** •
- Heat Pipe Thermal Solutions •
- Automotive Engine •
- **Control Units** •
- Plasma Supply Console .

DISCLAIMER: Purchaser shall be solely responsible for determining the adequacy of the product for any and all uses which the purchaser shall apply the product, and the application of the product by the purchaser shall not be subject to any implied warranty of fitness for that purpose.

Softtherm[®]: 86/120

Properties	symbol	unit	86/120
Color			Green
Thermal Properties			
Thermal Resistance	R_{th}	K/W	0.83
Thermal Impedance	R _{ti}	°Cmm²/W Kin²/W	302 0.47
Thermal Conductivity	λ	W/mK	1.5
Electrical Properties			
Breakdown Voltage	$U_{d;ac}$	kV	4
Dielectric Breakdown	$E_{d;ac}$	kV/mm	8
Volume Resistivity		Ω cm	1.0 x 10 ¹¹
Dielectric Loss Factor	$\text{tan }\delta$	1	8.0 x 10 ⁻³
Dielectric Constant	ε _r	1	3.5
Mechanical Properties			
Measured Thickness (±10%)		mm	0.5 <mark>*</mark>
Hardness		Shore 00	30 – 45
Youngs Modulus		N/cm ³	111
Physical Properties			
Density		g/cm ³	2.3
Application Temperature		°C	-40 to +150
TML		Ma%	< 0.18
Flame class		UL cknesses: 0 5	-

* Available Thicknesses: 0.5 – 5.0 mm





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THERMAL PRODUCTS DIVISION

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