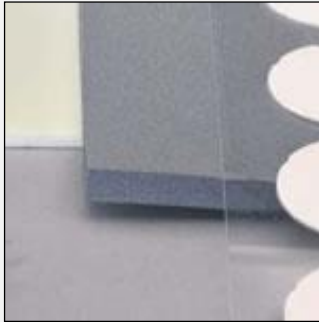


## Softtherm®: 86/120



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.

Properties	symbol	unit	86/120
Color			Green
<b>Thermal Properties</b>			
Thermal Resistance	$R_{th}$	K/W	0.83
Thermal Impedance	$R_{ti}$	$^{\circ}Cmm^2/W$ $Kin^2/W$	302 0.47
Thermal Conductivity	$\lambda$	W/mK	1.5
<b>Electrical Properties</b>			
Breakdown Voltage	$U_{d;ac}$	kV	4
Dielectric Breakdown	$E_{d;ac}$	kV/mm	8
Volume Resistivity		$\Omega cm$	$1.0 \times 10^{11}$
Dielectric Loss Factor	$\tan \delta$	1	$8.0 \times 10^{-3}$
Dielectric Constant	$\epsilon_r$	1	3.5
<b>Mechanical Properties</b>			
Measured Thickness ( $\pm 10\%$ )		mm	0.5*
Hardness		Shore 00	30 – 45
Youngs Modulus		$N/cm^3$	111
<b>Physical Properties</b>			
Density		$g/cm^3$	2.3
Application Temperature		$^{\circ}C$	-40 to +150
TML		Ma.-%	< 0.18
Flame class		UL	-

\* Available Thicknesses: 0.5 – 5.0 mm

