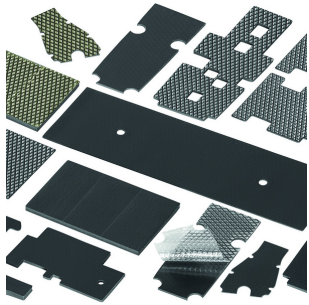


# Data sheet Product GEL 10



Accessories for electronic components>Thermal interface material>Heat conductive foam and gel foils

- highly heat-conductive silocon foil
- smooth, elastic and compressible
- equals uneven surfaces very well (Gap-Filler)

## Features

material:

GEL foil

Material:

**GEL 10II**

material thickness:	<b>1<sup>±0,200</sup> mm</b>
version:	<b>standard</b>
colour:	<b>dark gray</b>
density:	<b>2.6 g/cm<sup>3</sup></b>
hardness:	<b>49 Shore 00</b>
thermal conductivity:	<b>1.5 W/m·K</b>
thermal resistance:	<b>6.64 °C cm<sup>2</sup>/W</b>
thermal resistance (100 kPa):	<b>1.03 °C in<sup>2</sup>/W</b>
temperature range:	<b>-60°C ... +200°C</b>
elongation:	<b>100 %</b>
volume resistance:	<b>1·10<sup>6</sup> MΩ/m</b>
dielectric constant:	<ul style="list-style-type: none"> <li>• <b>5.8 [50 Hz]</b></li> <li>• <b>5.6 [1 KHz]</b></li> <li>• <b>5.5 [1 MHz]</b></li> </ul>
dielectric loss factor:	<ul style="list-style-type: none"> <li>• <b>0.048 [50 Hz]</b></li> <li>• <b>0.015 [1 KHz]</b></li> <li>• <b>0.003 [1 MHz]</b></li> </ul>
dielectric strength:	<b>14 kV/mm (AC)</b>
class of inflammability:	<b>UL 94 V-0</b>
type of delivery:	<ul style="list-style-type: none"> <li>• <b>on both sides covered with protective foil</b></li> <li>• <b>plates, usable area 300x200mm</b></li> <li>• <b>other dimensions upon request</b></li> </ul>