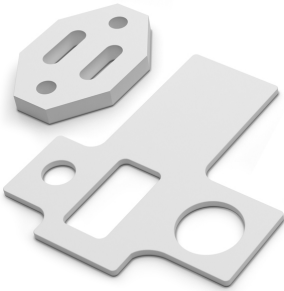


# Data sheet Product GEL F 80 20



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

- silicone-free thermal conductive foil in different material thicknesses
- particularly suitable for silicone-free applications
- excellent thermal conductivity and insulation properties
- natural adhesive coating on both sides
- customer-specific cuts and punchings based on a drawing

## Features

material thickness:	2 mm
version:	<b>silicone-free thermal conductive foils</b>
colour:	<b>white-grey</b>
density:	<b>2.1 g/cm<sup>3</sup></b>
hardness:	<b>70 Shore 00</b>
thermal conductivity:	<b>8 W/m·K</b>
specific thermal resistance:	<b>1.61°C cm<sup>2</sup>/W [1mm @ 30psi]</b>
temperature range:	<b>-40°C ... +110°C</b>
elongation:	<b>50 %</b>
kompression_1mm30psi:	<b>40 % [1mm@30psi]</b>
volume resistance:	<b>6·10<sup>9</sup> Ω·m</b>
dielectric constant:	<b>5,4 [1 GHz]</b>
dielectric strength:	<b>12 kV/mm</b>
class of inflammability:	<b>UL 94 V-0</b>
type of delivery:	<ul style="list-style-type: none"> <li>• <b>plates, usable area 240x300mm</b></li> <li>• <b>other dimensions upon request</b></li> </ul>