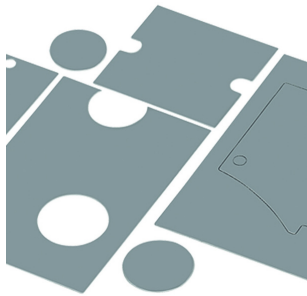


# Data sheet Product GEL F 15 20



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

- silicone free thermal adhesive foils
- silicone free gap-filler with good thermal characteristics
- smooth, compressible and elastic
- cut outs, punchings and modifications according to customer specification
- other material thicknesses upon request

## Features

material:	GEL foil
material thickness:	2 <sup>±0,300</sup> mm
version:	standard
colour:	light gray
density:	2.1 g/cm <sup>3</sup>
hardness:	53 Shore 00
thermal conductivity:	1.5 W/m·K
thermal resistance:	11.3 °C cm <sup>2</sup> /W
thermal resistance (100 kPa):	1.75 °C in <sup>2</sup> /W
temperature range:	-40°C... +105°C
elongation:	150 %
volume resistance:	1·10 <sup>9</sup> MΩ/m
dielectric constant:	9.12 [50 Hz] / 8.55 [1 kHz] / 5.83 [1 MHz]
dielectric loss factor:	0,152 [50 Hz] / 0,135 [1 kHz] / 0,034 [1 MHz]
dielectric strength:	11 kV/mm
class of inflammability:	UL 94 V-0
type of delivery:	<ul style="list-style-type: none"> <li>• on both sides covered with protective foil</li> <li>• plates, usable area 300x200mm</li> <li>• other dimensions upon request</li> </ul>