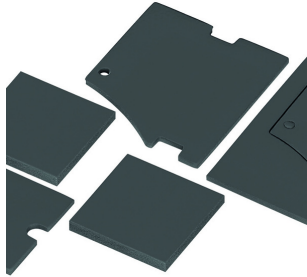


Data sheet Product GEL 45 05



Thermal interface material / Fixing material / Mounting material > Thermal interface material > GAP-Filler, Heat conductive foam and gel foils

Thermal adhesive foils

- gap filler with exceptionally good thermal conductivity and low outgassing
- especially smooth, compressible and elastic
- cut outs, punchings and modifications according to customer specification
- other material thicknesses upon request

Features

material:	GEL foil
material thickness:	0.5^{±0,150} mm
version:	standard
colour:	grey
density:	3.2 g/cm³
hardness:	60 Shore 00
thermal conductivity:	4.5 W/m·K
thermal resistance:	1.8 °C cm²/W
thermal resistance (100 kPa):	0.28 °C in²/W
temperature range:	-40°C... +150°C
elongation:	50 %
volume resistance:	1·10¹¹ Ω·m
dielectric constant:	8.98 [50 Hz] / 8.63 [1 kHz] / 8.05 [1 MHz]
dielectric loss factor:	0.0249 [50 Hz] / 0.0219 [1 kHz] / 0.0068 [1 MHz]
dielectric strength:	17 kV/mm
class of inflammability:	UL 94 V-0
type of delivery:	<ul style="list-style-type: none">• on both sides covered with protective foil• plates, usable area 300x200mm• other dimensions upon request