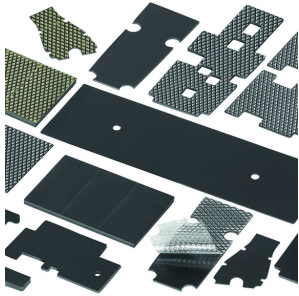


Data sheet Product GEL 05



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 thickness:	0.5^{±0,1} mm
version:	standard
colour:	dark gray
density:	2.6 g/cm³
hardness:	49 Shore 00
thermal conductivity:	1.5 W/m·K
thermal resistance:	4.45 °C cm²/W
thermal resistance (100 kPa):	0.69 °C in²/W
temperature range:	-60°C ... +200°C
elongation:	100 %
volume resistance:	1·10⁶ MΩ/m
dielectric constant:	<ul style="list-style-type: none">• 5.8 [50 Hz]• 5.6 [1 KHz]• 5.5 [1 MHz]
dielectric loss factor:	<ul style="list-style-type: none">• 0.048 [50 Hz]• 0.015 [1 KHz]• 0.003 [1 MHz]
dielectric strength:	14 kV/mm (AC)
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

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