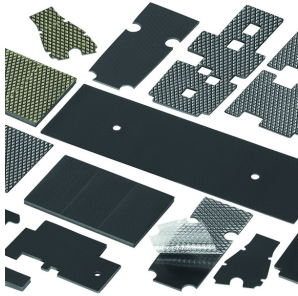


Data sheet Product GEL 05



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 $\pm$ 0,1 mm
version:	standard
colour:	dark gray
density:	2.6 g/cm ³
hardness:	49 Shore 00
thermal conductivity:	1.5 W/m·K
thermal resistance:	4.45 °C cm ² /W
thermal resistance (100 kPa):	0.69 °C in ² /W
temperature range:	-60°C ... +200°C
elongation:	100 %
volume resistance:	1·10 ⁶ MΩ/m
dielectric constant:	• 5.8 [50 Hz] • 5.6 [1 KHz] • 5.5 [1 MHz]
dielectric loss factor:	• 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:	• on both sides covered with protective foil • plates, usable area 300x200mm • other dimensions upon request