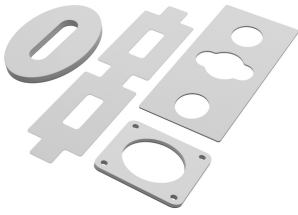


Data sheet Product GEL F 50 45



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

- silicone-free material, therefore no outgassing of silicone-containing ingredients
- ap filler function to compensate larger unevennesses and device differences
- very good thermal and electrical properties
- soft and easily compressible thermal conductive foil
- cuts, punched parts and special contours according to your drawing specifications

Features

| | |
|------------------------------|--|
| material thickness: | 4.5 mm |
| version: | silicone-free thermal conductive foils |
| colour: | white |
| density: | 3.1 g/cm ³ |
| hardness: | 75 Shore 00 |
| thermal conductivity: | 5 W/m·K |
| specific thermal resistance: | 0.64°C cm ² /W [1mm @ 30psi] |
| temperature range: | -40°C... +125°C |
| elongation: | 50 % |
| kompression_1mm30psi: | 20 % [1mm@30psi] |
| volume resistance: | 10 ¹¹ Ω·m |
| dielectric constant: | 5,4 [1 GHz] |
| dielectric strength: | 2 kV/mm |
| class of inflammability: | UL 94 V-0 |
| type of delivery: | <ul style="list-style-type: none"> • plates, usable area 200x400mm • other dimensions upon request |