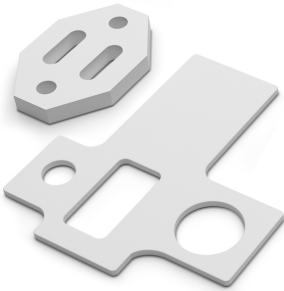


# Data sheet Product GEL F 80 35



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

- silicone-free thermal conductive foil in different material thicknesses
- particularly suitable for silicone-free applications
- excellent thermal conductivity and insulation properties
- natural adhesive coating on both sides
- customer-specific cuts and punchings based on a drawing

## Features

|                              |  |
|------------------------------|--|
| material thickness:          | 3.5 mm   |
| version:                     | silicone-free thermal conductive foils   |
| colour:                      | white-grey   |
| density:                     | 2.1 g/cm <sup>3</sup>  |
| hardness:                    | 70 Shore 00  |
| thermal conductivity:        | 8 W/m·K  |
| specific thermal resistance: | 1.61°C cm <sup>2</sup> /W [1mm @ 30psi]  |
| temperature range:           | -40°C ... +110°C   |
| elongation:                  | 50 %   |
| kompression_1mm30psi:        | 40 % [1mm@30psi]   |
| volume resistance:           | 6·10 <sup>9</sup> Ω·m  |
| dielectric constant:         | 5,4 [1 GHz]  |
| dielectric strength:         | 12 kV/mm   |
| class of inflammability:     | UL 94 V-0  |
| type of delivery:            | <ul style="list-style-type: none"> <li>• plates, usable area 240x300mm</li> <li>• other dimensions upon request</li> </ul> |