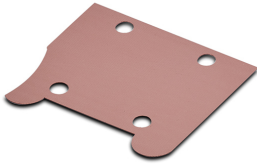


# Data sheet Product WFS 16



Accessories for electronic components>Thermal interface material>Thermally conductive foil made of siliconelastomer

- very good suitable for low tightening torques or spring applications
- good electrical insulating properties
- optimal contacting between device and heatsink
- one-sided adhesive layer upon request
- cuts and contours according to customer specific drawing specifications

## Features

version:	<b>silicone foil with glass fibre reinforcement</b>
colour:	<b>pink</b>
hardness:	<b>92 Shore A</b>
thermal conductivity:	<b>1.6 W/m·K</b>
temperature range:	<b>-60°C... +180°C</b>
material thickness:	<b>0.229 mm</b>
elongation:	<b>20 %</b>
volume resistance:	<b>10<sup>10</sup> Ω·m</b>
dielectric constant:	<b>6 [1 kHz]</b>
tear strength:	<b>1300 psi</b>
dielectric strength:	<b>5.5 kV</b>
class of inflammability:	<b>UL 94 V-0</b>
type of delivery:	<ul style="list-style-type: none"> <li>• rolled goods, roll width 300mm</li> <li>• cuttings on customer's requirement</li> </ul>

## Further Information

Thermal resistances vs. contact pressure / surface TO 220

pressure [psi]	10	25	50	100	200
thermal resistance WFS 16 [K/W]	3.96	3.41	2.90	2.53	2.32
thermal impedance WFS 16 [K·cm <sup>2</sup> /W]	5.93	4.68	3.81	2.93	2.56