

Data sheet Product WFSa 30 50



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

- silicone-foil with very good thermal properties
- excellent insulating properties
- simple and stable handling by means of glass fibre carrier material
- one-sided adhesive layer upon request
- cuts and contours according to customer specific drawing specifications

Features

version:	silicone foil with glass fibre reinforcement
colour:	white
hardness:	90 Shore A
thermal conductivity:	3 W/m·K
temperature range:	-60°C ... +200°C
material thickness:	0.508 mm
volume resistance:	10¹¹ Ω·m
dielectric constant:	7 [1 kHz]
heat capacity:	1 J/g·K
dielectric strength:	4 kV
class of inflammability:	UL 94 V-0
type of delivery:	<ul style="list-style-type: none"> • rolled goods, roll width 250mm • cuttings on customer's requirement

Further Information

Thermal resistances vs. contact pressure / surface TO 220

pressure [psi]	10	25	50	100	200
thermal resistance WFSa 30 38 [K/W]	2.05	1.94	1.86	1.79	1.72
thermal impedance WFSa 30 38 [K·cm ² /W]	3.31	2.50	2.00	1.75	1.62