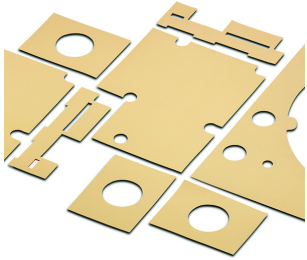


Data sheet Product WFPK 13



Accessories for electronic components>Thermal interface material>Silicone-free thermal conductive foils

- thermal conductive foil for silicone-free applications
- thermal conductive foil based on polyester
- very good insulating properties
- one-sided adhesive layer upon request
- cuts and contours according to customer specific drawing specifications

Features

material thickness:	0.152 mm
version:	kapton carrier foil with ceramic filled polyester resin double-sided fully coated
colour:	yellow
hardness:	90 Shore A
thermal conductivity:	1.3 W/m·K
temperature range:	-20°C... +150°C
elongation:	40 %
volume resistance:	10¹² Ω·m
dielectric constant:	3.7 [1 kHz]
tear strength:	5000 psi
tensile strength:	5 kN/m
dielectric strength:	6 kV
class of inflammability:	UL 94 V-0
type of delivery:	<ul style="list-style-type: none"> • rolled goods, roll width 292mm • cuttings on customer's requirement

Further Information

Thermal resistances vs. contact pressure / surface TO 220

pressure [psi]	10	25	50	100	200
thermal resistance WFPK 13 [K/W]	3.76	3.35	2.75	2.30	2.03
thermal impedance WFPK 13 [K-cm ² /W]	6.50	5.00	3.75	2.68	1.88

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