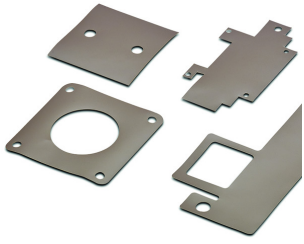


Data sheet Product WFPK 09



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

- thermal conductive foil based on polyester
- particularly suitable for silicone-free applications
- 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:	brown
hardness:	90 Shore A
thermal conductivity:	0.9 W/m·K
temperature range:	-20°C... +150°C
elongation:	40 %
volume resistance:	10 ¹² Ω·m
dielectric constant:	5 [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 09 [K/W]	5.64	5.04	4.34	3.69	3.12
thermal impedance WFPK 09 [K·cm ² /W]	9.68	7.56	5.93	4.37	2.87