

Kapton insulator washers

- very low thermal resistance
- optimised heat conductivity
- best mechanical characteristics
- polyimide-carrier foil with silicone-free phase changing thermal conductive layer completely coated on both sides
- clean processing, no abrasion of the coating
- stacked foils do not stick together
- good resistance against cleaning agents
- no cold flow
- low pressure force necessary, thus particularly applicable for spring-fixing of semiconductors
- cuttings and special versions according to customer's requirements
- the thermal details refer to an area of 1 inch² (6.45 cm²)

art. no. KAP 1 P suitable for pre-cut parts (plate)	art. no. KAP 247 O TO 248/ TO 218/ TO 247	art. no. KAP 218 O TO 218	art. no. KAP 220 O TO 220	art. no. KAP 218 TO 248/ TO 218/ TO 247
art. no. KAP 220 G TO 220	art. no. KAP 220 K TO 220	art. no. KAP 3 G TO 3	art. no. KAP 3 K TO 3	

	KAP
material	polyimide-carrier foil with silicone-free phase changing thermal conductive layer completely coated on both sides
material thickness	0.077mm (substrate 0.05mm)
thermal conductivity	0.45 W/m·K (substrate)
insulation resistance	10 ¹⁴ Ω
thermal resistance	0.15 K/W [at 1 inch ² ; = 6.45 cm ² ; = TO 3 (KAP 3)]
temperature range	-40°C... +150°C
phase change temperature	52 °C
extensibility	30 %
dielectric strength	7.8 kV
class of flammability	UL 94 V-0