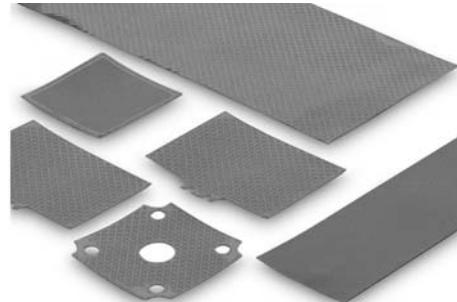
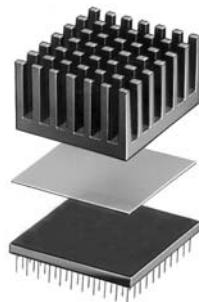


Thermally conductive foil both sides adhesive

- good thermal characteristics
- double-sided adhesive layers
- replaces mechanical fastenings
- cuttings and cut-outs upon request



art. no.	width [mm]	version	art. no.	width [mm]	version
WLFT 404 R25	25	running metre	WLFT 414 R100	100	running metre
WLFT 404 R50	50	running metre	WLFT 414 R200	200	running metre
WLFT 404 R100	100	running metre	WLFT 405 R25	25	running metre
WLFT 404 R200	200	running metre	WLFT 405 R50	50	running metre
WLFT 414 R25	25	running metre	WLFT 405 R100	100	running metre
WLFT 414 R50	50	running metre	WLFT 405 R200	200	running metre

art. no.	dimensions [mm]	version	art. no.	dimensions [mm]	version
WLFT 404 100x100	100 x 100	plate	WLFT 414 200x200	200 x 200	plate
WLFT 404 100x200	100 x 200	plate	WLFT 405 100x100	100 x 100	plate
WLFT 404 200x200	200 x 200	plate	WLFT 405 100x200	100 x 200	plate
WLFT 414 100x100	100 x 100	plate	WLFT 405 200x200	200 x 200	plate
WLFT 414 100x200	100 x 200	plate			

Technical data

	WLFT 404	WLFT 414	WLFT 405
description	isolations, double-sided adhesive	isolations, double-sided adhesive	non isolations, double-sided adhesive
complete thickness	0.127 (± 0.03) mm	0.127 (± 0.03) mm	0.15 (± 0.03) mm
truss material	polyimide 0.025 mm	polyimide 0.025 mm	aluminium foil 0.05 mm
glue layer	acrylate (pressure sensitive) double-sided	acrylate (pressure sensitive) double-sided	acrylate (pressure sensitive) double-sided
specific thermal resistance	3.7 °C cm ² /W	3.7 °C cm ² /W	3.4 °C cm ² /W
thermal conductivity	0.37 W/mK	0.37 W/mK	0.5 W/mK
holding force (overlapping)	0.86 MPa	0.86 MPa	0.93 MPa
holding force (shear rate)	AI 25 °C 0.897 [MPa]/ AI 150 °C 0.345 [MPa]/ Cu 25 °C 0.828 [MPa]/ Cu 150 °C 0.31 [MPa]/ Al₂O₃ 25 °C 1.17 [MPa]/ Al₂O₃ 150 °C 0.34 [MPa]	AI 25 °C 0.897 [MPa]/ AI 150 °C 0.345 [MPa]	AI 25 °C 0.86 [MPa]/ AI 150 °C 0.38 [MPa]/ Cu 25 °C 1.1 [MPa]/ Cu 150 °C 0.48 [MPa]/ Al₂O₃ 25 °C 1.0 [MPa]/ Al₂O₃ 150 °C 0.41 [MPa]
temperature range	-30 °C ... +125 °C	-30 °C ... +125 °C	-30 °C ... +125 °C
breakdown voltage	5 kV (AC)	5 kV (AC)	-
flammability	UL 94 V-0	UL 94 V-0	UL 94 V-0

E 5

Profiles for PCB components
Heatsinks for PCB
Profiles for PCB mounting
Heatsinks for transistors

→ A 91
→ A 89 - 91
→ A 89 - 111
→ C 4 - 9

Finger-shaped heatsinks
Distance sleeves
Spacers
GEL thermal conductive foil

→ C 2 - 3
→ E 24 - 31
→ E 32 - 33
→ E 7