

A

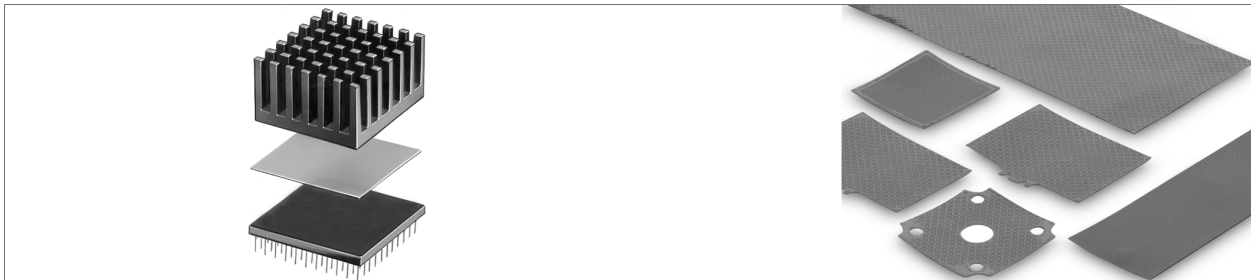
Thermally conductive foil both sides adhesive

B

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

C

D



E

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

F

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

G

Technical data

	WLFT 404	WLFT 405
description	isolations, double-sided adhesive	non isolations, double-sided adhesive
complete thickness	0.127 (± 0.03) mm	0.15 (± 0.03) mm
truss material	polyimide (kapton MT) 0.025 mm	aluminium foil 0.05 mm
glue layer	acrylate (pressure sensitive) double-sided	acrylate (pressure sensitive) double-sided
specific thermal resistance	3.7 °C cm ² /W	3.4 °C cm ² /W
thermal conductivity	0.37 W/mK	0.5 W/mK
snap through stability	5 KV/mm	-
holding force (overlapping)	0.86 MPa	0.93 MPa
holding force (shear rate)	Al 25 °C 0.897 [MPa]/ Al 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]	Al 25 °C 0.86 [MPa]/ Al 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	-40 °C ... +150 °C	-40 °C ... +150 °C
flammability	UL 94 V-0	UL 94 V-0

H

I

K

L

M

N

E 5

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

→ A 89
→ A 87 – 89
→ A 87 – 108
→ C 4 – 9

Finger-shaped heatsinks
Distance sleeves
Spacers
GEL thermal conductive foil

→ C 2 – 3
→ E 23 – 28
→ E 29 – 30
→ E 7