



Helping to observe the future

+ THERMAL
MANAGEMENT
COMPONENTS



Contact
us

+  commercial@lidax.com

+  Lidax on LinkedIn

+ Cooper flexible
thermal straps

+ All intellectual property contained herein is and remains the exclusive property of **Lidax Ingeniería, SL**. This document may only be used for the purpose for which it was presented. No part of this document may be reproduced, distributed, transmitted, or modified, in any form or by any means, without the prior written authorization of **Lidax Ingeniería, SL**. For more information, visit www.lidax.com. All rights reserved.

More information



lidax.com



The FTS solution

The **Flexible Thermal Strap** (FTS) is a thermal management solution designed to transfer heat between surfaces without moving parts. It accommodates relative motion or displacement, making it suitable for applications with flexibility and mechanical constraints.

The FTS **helps maintain operating temperatures, prevent overheating, and ensure performance.** By dissipating heat while allowing movement, they provide an effective solution for thermal control in engineering applications.



FEATURES

- Qualified models available, as well as customization service according to customer's specific needs.
- Good performance at room temperature and cryogenic conditions.
- Also available in pyrolytic graphite.



The copper thermal strap is a solution widely used for its relatively low cost, and good performance at RT and especially at cryogenic temperature.



Manufacture your FTS

Regardless of the quantities required, LIDAX can supply from 1 unit to mass production.



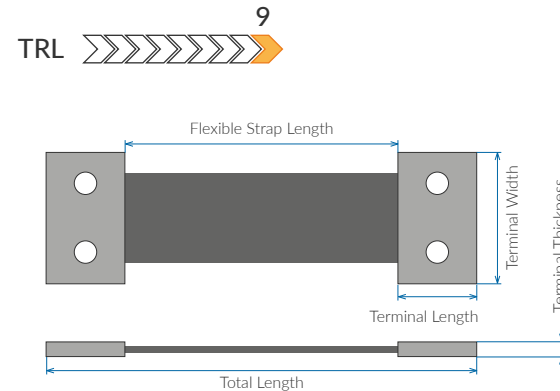
Customize your FTS

Ask our team of experts, to help you find the right product or design a new one/redesign your current one to meet your specific needs.

+ THERMAL
MANAGEMENT
COMPONENTS

LIDAX

Technical data



Terminal configuration

Model	Width (mm)	Length (mm)
A	30	18
B	40	40



From 60
to 880 g



Interface
material:
OFHC Copper



Qualified Range
[-110°C ; +70°C]



From 0.03
to 0.60 W/K
(ambient conditions)

Thermal conductance as per Strap length at ambient conditions (W/K)

Model	60 mm	80 mm	100 mm	120 mm	140 mm	160 mm	175 mm
A	0.07-0.56	0.06-0.45	0.05-0.38	0.04-0.33	0.04-0.29	0.03-0.26	0.03-0.24
B	0.08-0.60	0.07-0.51	0.06-0.44	0.05-0.39	0.05-0.35	0.04-0.31	0.04-0.29

Listed length values are for reference purposes. Any specific length can be chosen within the 40 to 200 mm range

More info: commercial@lidax.com

Lidax on LinkedIn

[lidax.com](https://www.lidax.com)