



HEATING ELEMENTS

INDUFLEX
L A M I N A T E S

INDUFLEX: YOUR PARTNER FOR THIN, FLEXIBLE LAMINATES

Induflex is certified to ISO 9001:2008 and strives to always deliver consistent quality, flexibility and reliability to our customers. Our goal is simple: Induflex wants to be your best, long-term supplier and partner.

LG 4000 SERIES OF TECHNICAL FLEX MATERIALS

Induflex LG 4000 series of flexible laminates are designed for use in etched heater foil applications.

LG 4000 series flexible laminates demonstrate consistent dimensional stability for high yield in today's cost driven manufacturing processes.

The LG 4000 laminates are based on proprietary adhesive systems to provide excellent electrical and thermal properties with good peel strength and fine line etchability.

LG 4000 materials are continuously monitored for all critical properties such as peel strength and dimensional stability. LG 4000 heater foil materials are as consistent from lot-to-lot as they are from roll-to-roll.

All Induflex laminates are RoHS compliant.



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PRODUCT CATEGORIES FOR ETCHABLE LAMINATES

INSULATION FILMS	STANDARD THICKNESS	TEMPERATURE RESISTANCE
PI	23/50/75 µm	Up to 260 °C
PEN	50 µm	Up to 160 °C
PET	23/50/75/100/125 µm	Up to 130 °C

FOIL TYPES	STANDARD THICKNESS
Rolled copper	15/20/30 µm
ED copper	12/18/35 µm
Aluminium	7/9/15/20 µm
Brass	12/25 µm
Copper Nickel	25 µm
Nickel Silver	20 µm

Other materials and thicknesses are available upon request.

- Performance grades E, L, S and T to suit demands for dimensional stability at higher temperature processing for PET films
- Good chemical resistance
- High peel strength
- Excellent temperature resistance up to 130°C (PET) and 260°C (PI)



TAILOR-MADE SOLUTIONS

SPECIAL REQUESTS

This listing includes our most typical products. If you have a special request, we will be glad to work with your design engineers to deliver the right product for your requirements.



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DO YOU HAVE A PROBLEM TO SOLVE WITH THIN, FLEXIBLE LAMINATES?

INDUFLEX IS YOUR PARTNER