



Flexible Circuit Laminates

Skultuna Induflex develops and manufactures a complete range of flexible copper laminates for the FPC industry. Technical laminates are commonly used for manufacturing products such as mobile phones, consumer and automotive electronics, flexible LED products as well as many other end products. By combining different materials we make customized laminates that perform well in unique solutions. We can also laminate carrier films toward thin materials to make the thin material user-friendly in process, after the final process the carrier film can be removed. For etched products we do have adhesives that are non-sticky when etched laminates are stored on roll. We also have the knowledge of making and transferring lamainates from one substrate to another to get etched circuits on paper and nonwoven materials.

Our extensive experience in manufacturing technical laminates in small to large volumes ensures access to a consistent supply of laminates at the agreed, uniform quality. Laminates can be supplied in reels, sheets or other special formats.

General Technical Data

Conductive foils

	Thicknesses (µm)
Cu RA	15, 18, 20, 35, 70
Cu treated RA	18, 35
Cu ED	9, 12, 18, 35, 70

Insulating materials

	Thicknesses (µm)
PET hs*	36, 50, 75, 125
PET ehs**	23, 36, 50, 75
PEN	4, 50, 75, 125
PEN hs	50, 75
PI	25, 50, 75, 125

* heat stabilized film ** extra heat stabilized film

Other thicknesses and raw materials are also available.

Skultuna Induflex laminates metal foils in thicknesses from 6–100 µm and polymer films from 4–250 µm from roll-to-roll. Paper, cardboard and other thin materials on reels can also be used. In our standard product range, laminates can consist of 2–3 layers but 4 and 5 layers are possible. We can add functional coatings/primers from 1 µm up to approximately 20 µm.

Covers

Our cover materials are used for protection of circuits and correspond to our other laminates. Cover materials from above insulating materials can be manufactured with thicker adhesive layer or heat sealable materials upon request.

Adhesive

Materials are put together with one or two component high performance adhesives with optimum chemical and/or temperature resistance according to specific requirements. Adhesives are tailor made for each material and requirement and can be colored as well as containing different additives and flame retardants.

Customer specific laminates

We develop and manufacture laminates according to your specific requests. Laminates can be supplied in a variety of combinations using any material as long as it comes on reels. We can find cost effective material solutions that fulfill your requirements, give good durability and mechanical properties in the intended environments.



Our core business is flexible laminate perfection

Skultuna Induflex innovates and delivers technical flexible laminate applications for products that makes people's everyday life easier. We do it by utilizing our expertise and tech competence from our three locations in Sweden, Belgium and China.

By combining and laminating materials such as paper, paperboard, plastic films and metal foils, we create an almost infinite number of flexible laminates. This makes it possible to solve problems in new ways, whether it's for shielding, barrier, conduction, reflection, appearance or other purposes.

Please contact us for more information or visit
skultunainduflex.com

SkultunaInduflex 

INNOVATING FLEXIBLE LAMINATE PERFECTION

Contact info Sweden: HQ Skultuna Induflex, Östra Verken, S-720 46 Skultuna, Sweden tel:+46 21 540 30 00

Belgium: Ottergemsesteenweeg Zuid 799, 9000 Gent, +32 9 221 13 94

China: Skultuna Flexible Beijing CO, No9 Workshop, No 308 Shuntong Road, Shunyui District, Beijing 101304