



Food Approved Paper-based Laminates

Skultuna Induflex develops and manufactures a complete range of flexible laminates for food approved products, for example bake-off products, food containers, baking cups, décor trays, luxury boxes, etc. By combining different materials, we make customized laminates that perform well in our customers' unique solutions. By laminating different materials, more shapeable laminates or grease barrier properties are achieved. Some of our laminates can withstand and are approved for temperatures of up to 220°C. Coatings can be added to Al-foils to get a decorative appearance and laminates can be given functional and/or decorative embossing structures.

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 on reels, in sheets or other special formats.

General Technical Data

Barrier materials	Thickness (µm)	Oxygen	Water vapor
Al	8, 9, 12, 25, 40, 50, 100	Excellent	Excellent
Metallized PET	12	Very good	Good
PET (SiO _x , AlO _x)	12	Very good	Good
PET	12, 19, 23, 36, 50, 75, 125	Good	Poor
PE	30, 40, 75, 100	Poor	Good
PP	30, 40	Poor	Good
PA	15	Very good	Poor

Papers & Cardboards	Grammage (g/m ²)
MG Paper	40, 60, 80
Greaseproof	70, 75, 85, 90
Cardboard	230, 260, 500

Special films: Décor films, Hologram films.

Other thicknesses and raw materials (e.g. nonwoven, PEN, PI, etc) 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 or 5 layers are also possible. The laminates can be pre-treated for printing or even embossed in a suitable structure. It is also possible to add functional and decorative coatings/primers in almost any color.

Food approvals

We have knowledge of raw materials, adhesives and coatings used in laminates that are intended to come in contact with food and, when needed, the raw materials meet the requirements for food packaging. New laminates need to be tested towards type of food to be packaged and how the product will be used (temperatures, etc.). These migration tests will be made together with the customer.

Adhesives

Materials are joined together with one or two component high performance adhesives with optimum chemical and/or temperature resistance according to specific requirements. The adhesives are tailor-made for each material and requirement; they can also be colored as well as contain different additives which are all approved for contact with food.

Customer-specific laminates/ materials on request

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

Please feel free to contact us for further technical specifications or to get a quote without obligations, info@skflex.com

Skultuna Induflex 



Our core business is flexible laminate perfection

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

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

Please contact us for more information,
email us at info@skflex.com or visit www.skultunainduflex.com

Skultuna Induflex 

INNOVATING FLEXIBLE LAMINATE PERFECTION

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