



# Packaging Laminates

**Skultuna Induflex develops and manufactures a complete range of flexible laminates** designed for packaging, such as boxes and pouches. The laminates are used in luxury packaging industries as well as packaging for transport, electronics and high-tech industries. By combining different materials, we make customized laminates that perform well in our customers' unique solutions. The finished laminates benefit from our long experience in manufacturing packaging and technical laminates.

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 <sub>x</sub> , AlO <sub>x</sub> )	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 <sup>2</sup> )
MG Paper	40, 60, 80
Greaseproof	70, 75, 85, 90
Cardboard	230, 260, 500

*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.*

### Barrier laminate for pouches

NIP30PE100, PET 12 µm/Al 9 µm/PE 100 µm, is a laminate with superb barrier properties for military packaging, approved according to MIL-PRF-131K. The laminate is used to make pouches where the PE film is sealable to itself and the PET film is pre-treated for printing. We are able to supply NIP30PE100, 1200 mm width and 100 m/roll within a day. Other thicknesses and types of PE- and PET-films are also available and it is also possible for the laminate to be colored.

### 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 and flame retardants.

### 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](mailto: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](mailto:info@skflex.com) or visit [www.skultunainduflex.com](http://www.skultunainduflex.com)

**Skultuna Induflex** 

**INNOVATING FLEXIBLE LAMINATE PERFECTION**

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