



Heat Sealable Laminates

Skultuna Induflex supplies a full range of material combinations for production of thin, flexible materials. We combine different materials into laminates with the combined properties from each material, in a tailor-made unique process. By combining different materials, we make customized laminates that perform well in customer unique solutions with heat sealable properties. We specialize in heat sealable solutions, both coating and films and offer in-house sealability testing on your products to provide the best possible solution.

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

| Heat sealable films/coatings | Activation temperature (°C) | Seals towards (but not limited to) |
|------------------------------|-----------------------------|--------------------------------------|
| T2 | 130 | Cu |
| T3 | 130 | Al |
| T4 | 85 | Al, Cu, PET, PVC, PE, Paper, OPP |
| T5 | 105 | Al, Cu, PET, PVC, PE, Paper, OPP |
| T6 | 120 | Al, Cu, PVC, Paper |
| T7 | 150 | Cu |
| T10 | 130 | Cu, PET |
| T11 | 80 | Al, Cu, PET, PVC, PE, Paper, OPP |
| T12 | 80 | Al, Cu, PE |
| T13 | 120 | Al, Cu, PVC, Paper |
| T14 | 180 | Adhesive, Cu, Al, (etched materials) |
| F1 | 105 | Al, Cu, PE, Paper, OPP |
| F3 | 100 | PE |
| F4 | 130 | OPP |
| F5 | 150 | PVC |
| F6 | 110 | Al, PVC, Paper |
| F7 | 110 | Al, PVC, Paper |
| F8 | 110 | Al, PVC, PE |

The information regarding activation temperatures is not intended to and does not create any warranties and may yield different results. Heat sealable properties need to be tested by customer in their facilities.

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. Laminates usually consists of 2–3 layers but 4 or 5 layers are possible. We can add functional coatings/primers from 1 μm up to approximately 20 μm .

Skultuna Induflex offer several different heat sealable films and coatings that seals towards different substrates at different temperatures. The heat sealable films and coatings can be laminated or coated towards other plastic films, metal foils, papers and cardboards.

Adhesives

Materials are put 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 and can also be colored as well as containing different additives and flame retardants. We use a wide variety of adhesive chemistry: PUR, epoxy, polyester, acrylic and many others.

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

Skultuna Induflex 

INNOVATING FLEXIBLE LAMINATE PERFECTION