

Akylux® Twin-Wall Polypropylene Sheet



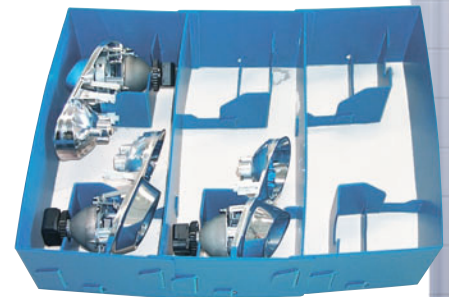
- Lightweight
- Durable & reusable
- Moisture and water resistant
- For hygienic applications, fiber free
- Absorbs impact
- Rigid
- Chemically inert
- Non toxic (translucid and most standard colours are suitable for contact with food)
- 100% recyclable
- Printable (flexo and screenprinting)

Applications

Akylux® is ideal for a wide variety of one way or returnable packaging.

The sheets are easy to convert into:

- containers
- cases
- boxes
- fittings
- dividers
- layer pads
- container sleeves



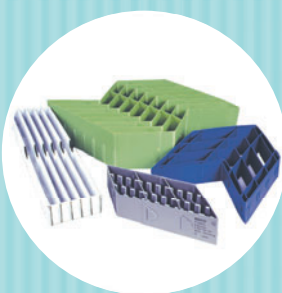
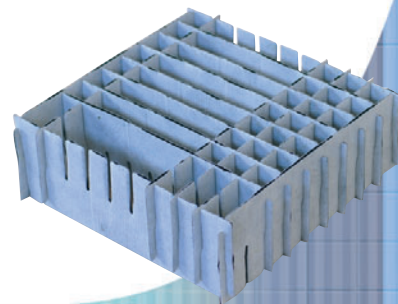
Conversion

Akylux® can be sawn, die-cut by stamping, with a laser, water jet, creased, welded, perforated, stapled, glued and sewn.

It can be also printed using flexo or screenprinting.

Protection

Akylux® can be covered, welded or laminated with a wide range of protective surfaces like nonwoven, foam... to protect parts from scratching.



Technical characteristics:

Standard range

Thickness:	2 to 14 mm
Grammage:	250 to 3,000 gsm
Format:	Customized solution Delivery in sheets or rolls
Couloours:	Translucent, white, black, blue, grey, yellow, green Others: on request

Proposed treatments (optional)

- UV for outdoor use (duration of protection depends on grammage and thickness)
 - Antistatic
 - Conductive or permanent antistatic ($<10^5 \Omega/\square$)
 - Possibilities for dissipative treatment (10^9 - $10^{10} \Omega/\square$)
 - Possibilities of flame-retardant classification
 - Corona (1 or 2 sides, 40 to 42 dynes/cm)
 - Other treatments: on request
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Sterilisation

- Accepts gamme rays (tested with treatment at 25 KGy)
 - Enables ethylene oxide (gas) treatment
 - Heat treatment possible (e.g.: 72 h between 50 and 60 °C depending on conditions of application)
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General properties of the raw material

- Softening point:
vicat: 145 °C at 10 N (standard ISO R 306)
- Melting point: 160-165 °C (DSC)

Polypropylene is composed of carbon and hydrogen. Therefore, its complete combustion in air produces only carbon dioxide and water.

For further information, contact Kaysersberg Plastics Sales Department.

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DS SMITH KAYERSBERG - Établissement Plastiques - SAS au capital de 53 816 000 € - RCS COLMAR 572 219 202 SIRET 572 219 202 00072

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