



FiberForm®

FiberForm®

Product description

FiberForm® is a thermoformable, paper-based packaging material available with FSC certification*. It offers a sustainable packaging solution with low carbon footprint and high renewable content. It is available with white or unbleached paper and with flexo print on either side or on both sides in combination. With the look and feel of real paper, it is perfect for outstanding product differentiation.

FiberForm® is available in medium and high barrier versions to optimise shelf life and product quality. It runs very well on existing FFS lines and is ideal for a wide range of food and non-food applications. With customized lidding materials from our range, the range offers appealing pack solutions and different sealing versions to ensure product safety and superior sealing performance.

* FSC®-C068028

FiberForm®

Material specifics

FiberForm® has a paper content of up to 90%, which makes it recyclable at multiple markets. Several specifications counts as recyclable according to PTS. The high amount of renewable fibers also contribute to its low carbon footprint. The PE or APET layer can be extruded in a typical thickness range of 25 - 50 my, and the sealing layer can be made peelable. A barrier of OTR <3 cc/m2 can be achieved through adding a thin layer of EVOH. High moisture barrier. Typical WVTR values in the range 1-10 g/m2/d @ 25/75 depending on barrier thickness.

Paper thicknesses available (g/m2)

100 130 150 200 260 300



FiberForm® 300/50

FiberForm® 300/50 provides a rigid tray, stable when stacked on the shelf. The barrier can be tailored to the product and combined with a wide range of lidding films.

Recyclable as paper based packaging according to PTS* and Citeo**. Paper content: 80%

Combine with a peelable or reclosable lidding film - like the PC® range.

*) PTS-RH 021:2012 Cat. II

**) CEREC Cat 5.03A



Thin FiberForm®

FiberForm® 150/25 HB APET is a good alternative for flat or slightly thermoformed base webs. Combine with PC40, PET sealing topweb.

FiberForm® 150/25 HB APET is Recyclable according to PTS*

Paper content: 85%

*) PTS-RH 021:2012 Cat II



FiberForm® 200/23 HB

FiberForm® 200/23 HB is a good alternative to plastic thermoformable base webs. For optimal recyclability, combine with PC Easy peel PE Mono.

FiberForm® 200/23 HB is Recyclable according to PTS*

Paper content: 90%



*) PTS-RH 021:2012 Cat II

FiberForm®

As topweb

FiberForm® can also be used as topweb

Combine with mono PE base web for optimized recyclability (PET coating and mono PET base web also possible).

Paper content: 72-78%

Thanks to the true paper, it's easy to communicate environmental benefits



FiberForm®

For beauty products

A FiberForm® tray has a wide range of applications. The natural look and feel of the material can help brands communicate environmental benefits.



FiberForm®

Pod with peel

FiberForm® is well suited for clamshell- and pod type designs, as it is quite rigid. The peel in the sealing layer allows for a smooth opening of the pack, and it can be mechanically reclosed multiple times.



Design guidelines FiberForm[®]

Form-fill-seal machine

- Depth:
 - 15-75 mm depending on packaging size (A)
- Shape:
 - Use a 45-50 degrees draft on all vertical surfaces (B)
 - Use big radiuses on bottom & corner edges, approximately 15-20 mm (C)
- Sealing:
 - The inner liner of FiberForm[®] is normally heat seal towards the inside of a thin top web or the inside of itself. (D)
 - Sealing width about 3-9 mm, depending on sealing equipment and machine. (E)



