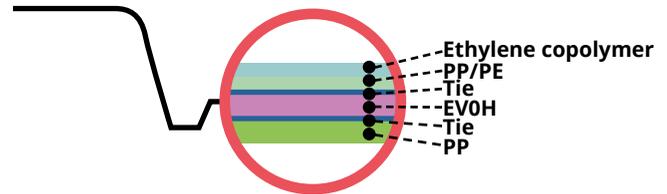




# cobelPlast

Let's Make Things Last



## Physical Properties for A101.PE

The A101.PE is a high barrier multilayer PP.EVOH.PP.PE sheet suitable for all range of products which require high barrier for oxygen, gasses, aromas as well as moisture barrier. The A101.PE sheet is suitable for aseptic packaging, hot fill, pasteurisation and retort processes.

The sheet has excellent machinability on thermoforming equipment designed for PP use. Multiple top and bottom heating is required, forming tool with a PE adapted plug assist and appropriate cooling capacity is a must.

The A101.PE sheet is adapted for high frequency sealing.

## General

<b>Composition</b>	PP.EVOH.PP.PE
<b>Colour</b>	Natural or coloured
<b>Thickness range</b>	250 – 2000 µm
<b>Width</b>	70 - 1500 mm

## Physical

<b>Specific weight</b>	0.92 – 0.94 g/cm <sup>3</sup>
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## Thermal

<b>Dimensional stability</b>	<5% (5min @ 190°C)
<b>Thermoforming range</b>	155°C ± 2°C

## Barrier

<b>OTR*</b>	0.3 – 0.5 cc/m <sup>2</sup> .24h.atm
<b>MVTR*</b>	0.2 – 0.5 g/m <sup>2</sup> .24h

\* Typical value for 1mm sheet with 3% EVOH (32 mol% ethylene)

## Features

- ◆ Suitable for products which required long shelf life
- ◆ Packaging of ready mails, baby food requiring microwave heating
- ◆ Portion packs for sauces and jams
- ◆ Suitable for HF-sealing machinery

Storage conditions and expected product shelf life: it is recommended to store the reels in the original packaging at [5-25]°C – [35-65]%RH and protected from sunlight to guarantee a product life of 12 months.

Sheets are manufactured under industrial accepted standards for cGMP. Sheet is composed with components in compliance with EU regulations. Cobelplast is certified ISO 9001:2015, ISO 14001:2015 & BRC/IoP v5 scored AA.