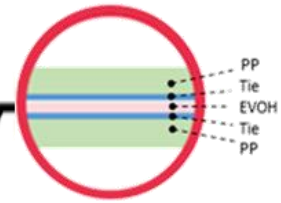


# cobelPlast

Let's Make Things Last

## Datasheet A101 – PP.EVOH.PP



The A101 is a high barrier multilayer PP.EVOH.PP sheet that is suitable for all range of products which require high barrier for oxygen, gasses, aromas as well as moisture barrier. The sheet is suitable for aseptic packaging, hot fill, pasteurisation and retort processes. The A101 sheet has excellent machinability on thermoforming equipment designed for PP use. Multiple top and bottom heating is required, forming tool with a PP adapted plug assist and appropriate cooling capacity is a must

## General

Composition	PP.EVOH.PP
Colour	Transparent or coloured
Thickness range	300 - 2000 $\mu\text{m}$
Width	80 - 1500 mm

## Physical

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

Dimensional stability	< 10% (5min @ 190 °C)
Thermoforming range	155 °C $\pm$ 2 °C

## Barrier

OTR (20 °C – 65%RH)	max 0.3 cc/m <sup>2</sup> .24h.atm
MVTR (38 °C – 90%RH)	max 0.3 g/m <sup>2</sup> .24h

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

## Features

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

Storage conditions and expected product shelf life: it is recommended to store the reels in the original packaging at [10-35]°C – max 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 v6

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