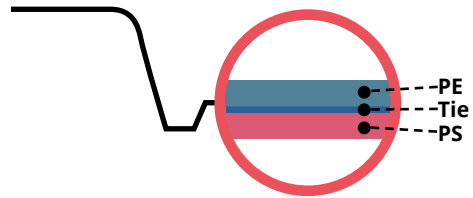




# cobelPlast

Let's Make Things Last



## Physical Properties for A93

The A93 is a medium barrier multilayer PS,PE sheet, suitable for all range of products which require high barrier levels for water vapour and is suitable for aseptic packaging, hot filling up to 85°C. The sheet has excellent machinability on standard thermoforming equipment designed for PS use. Multiple top and bottom heating is required with a PE adapted plug assist and a well-adjusted cutting tool.

## General

<b>Composition</b>	PS,PE
<b>Colour</b>	Translucent or coloured
<b>Thickness range</b>	250 – 2000 µm
<b>Width</b>	70 - 1400 mm

## Physical

<b>Specific weight</b>	1.05 – 1.07 g/cm <sup>3</sup>
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## Thermal

<b>Dimensional stability</b>	<12% (30min @ 130°C)
<b>Thermoforming range</b>	PE : 120 ± 5°C PS : 140 ± 10°C

## Barrier

<b>OTR*</b>	± 100 cc/m <sup>2</sup> .24h.atm
<b>MVTR*</b>	1 – 2 g/m <sup>2</sup> .24h

\* Typical value for 1mm sheet

## Features

- ◆ Excellent organoleptic properties for PE as food contact layer
- ◆ Stress crack resistant towards fat containing products
- ◆ Improved moisture barrier compared to PS mono sheet
- ◆ Permanent or easy peel seal against aluminium or plastic lidding material

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.