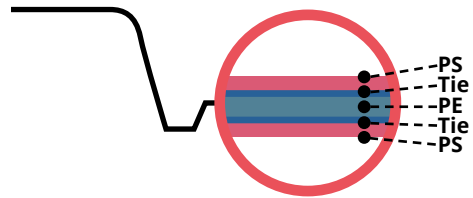




# cobelPlast

Let's Make Things Last



## Physical Properties for A83

The A83 is medium barrier multilayer PS,PE,PS sheet, suitable for all range of products which required some level of moisture barrier.

The sheet has excellent machinability on standard thermoforming equipment designed for PS use. Multiple top and bottom heating is required with an adjusted cutting tool.

## General

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

## Physical

<b>Specific weight</b>	1.04 – 1.06 g/cm <sup>3</sup>
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## Thermal

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

## Barrier

<b>OTR*</b>	±120 cc/m <sup>2</sup> .24h.atm
<b>MVTR*</b>	±2.5 g/m <sup>2</sup> .24h

\* Typical value for 1mm sheet

## Features

- ◆ Stress crack resistant to alcohols and a variety of oils available upon request
- ◆ Improved moisture barrier and shelf life compared to PS mono sheet
- ◆ Suitable for hot fill up to 85°C
- ◆ 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.