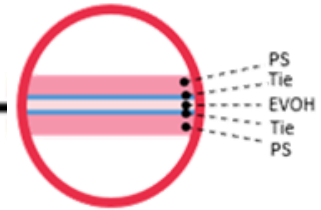# cobelPlast
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Datasheet A84 – PS.EVOH.PS

The A84 is a high barrier multilayer PS.EVOH.PS sheet suitable for all range of products which require high barrier for oxygen, gasses, aromas and odours.
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

Composition	PS.EVOH.PS
Colour	Transparent or coloured
Thickness range	250 - 2000 µm
Width	80 - 1250 mm

Physical

Specific weight	1.05 – 1.07 g/cm³

Thermal

Dimensional stability	< 5% (30min @ 130 °C)
Thermoforming range	140 °C ± 10 °C

Barrier

OTR (20 °C – 65%RH)	max 0.3 cc/m².24h.atm
MVTR (38 °C – 90%RH)	max 2.9 g/m².24h

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

Features

♦ Stress crack resistant to alcohols and a variety of oils available upon request
♦ Improved oxygen 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 [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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