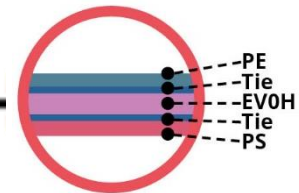


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Datasheet A94 – PS.EVOH.PE



The A94 sheet is a high barrier multilayer PS.EVOH.PE sheet suitable for all range of products which require high barrier for oxygen, gasses, aromas as well as a moisture barrier. The A94 sheet is suitable for aseptic packaging and hot fill 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 forming tool with PE adapted plug assist and appropriate cooling, and a well-adjusted cutting tool.

General

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

Physical

Specific weight	1.03 – 1.05 g/cm ³
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Thermal

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

Barrier

OTR (20 °C – 65%RH)	max 0.3 cc/m ² .24h.atm
MVTR (38 °C – 90%RH)	max 2.3 g/m ² .24h

* Typical values for a 1 mm sheet with 3% EVOH (32mol% ethylene) and 7% PE.

Features

- ◆ Excellent organoleptic properties for PE as food contact layer
- ◆ Suitable for processed cheese, liquids, desserts, fruit compote, juices, tomato based products
- ◆ 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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