



AI430

Fasson®

PET19/PP50 Top Clear –
W7600 – PET23

**A polypropylene film
with excellent clarity
combined with a
wash-off adhesive for
the returnable beer
and beverage market
and with a PET liner.**

Key features

- > Label washes-off in industrial (brewery) washers
- > No adhesive residues on the bottle
- > No adhesive residues in washer
- > No impact of ageing under tropical and hot environmental conditions
- > No UV-sensitivity to label material
- > No 'ghosting', which could leave former label marks on the bottle
- > Washes off at 65-80°C, allowing for lower washer temperature
- > No blocking of washing equipment (e.g. filters and pipes)
- > Specially developed for “no-label look” decoration of beer bottles
- > Enhances premium beer brand image
- > Supports complex label shapes
- > Increases productivity and improves cost-containment
- > Suitable for labeling of both light and dark containers
- > Suitable for body labeling

Facestock and Overlamination

The facestock represents the two layer film – with PET being a top layer and PP being a bottom layer – with excellent clarity. The gloss surface of the top layer has a print-receptive topcoating.

Basis Weight	76 g/m ²	ISO 536
Caliper	0.072 mm	ISO 534

Adhesive

Transparent, emulsion-based permanent acrylic adhesive.

Liner

A clear polyester liner giving optimum smoothness to the adhesive layer.

Basis Weight	32 g/m ²	ISO 536
Caliper	0.023 mm	ISO 534

Laminate

Total caliper	0.114 mm ±10%
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Performance data

Initial tack	450 N/m	FTM 9 glass
Peel Adhes. 90°	275 N/m	FTM 2 glass
Min. appl. temp.	+5 °C	
Service temp.	-20 °C → +60 °C	

Adhesive Performance

W7600 is designed specifically for prime returnable Beer & Beverage applications which require excellent wet-out and wash off performance. Engineered to be applied on dry surfaces. After label is applied it will not be affected by moist environment typical for breweries. Maintains clarity through extended exposure to ice water (72 hours), has excellent wet-out, converting, stripping, dispensing and caustic wash off characteristics. This adhesive permits residue-free removal of bottle labels when washed in an alkali solution.

Applications and use

Product is specially developed for “no-label look” decoration for the returnable Beer & Beverage market. It is recommended to use a 1-2% caustic, 65°C-80°C alkaline solution for the bottle washing. The removability is substantially influenced by the wash off temperature and the storage and weathering of applied labels. It is absolutely essential that the printed label is checked for the removability.

Conversion/printing

In order to achieve wash off, the base laminate is over-laminated with a PET19 film. Only surface printing (PET19 front-side) is possible. The PET 19 is laminated with a solvent structural adhesive to the PP50 laminate. The print receptive surface treatment of the PET19 allows printing by the conventional printing technologies including letterpress, flexo, gravure and screen printing, giving good results with solvent, UV curing and water based inks. In case of solvent screen inks please consult your ink manufacturer. Good acceptance of hot- and cold foil blocking. Due to relatively thin polyester liner care should be taken with the die specification.

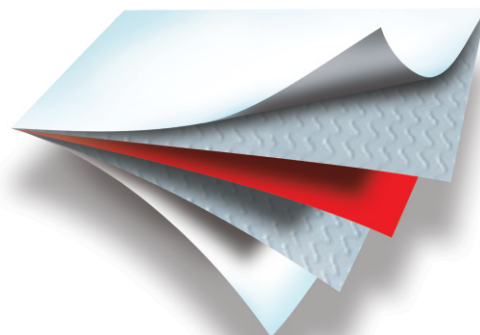
Shelf life

One year when stored at 22°C / 50% R.H.

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PET19

Overlamination
Adhesive

PP50 Top Clear

W7600

PET23

Europe

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Warranty

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