

Facestock

A two layer film, constructed of a PET top layer and a PP bottom layer, with excellent clarity. The gloss surface of the top layer has a print-receptive topcoating.

Basis Weight 58 g/m² ISO 536

Caliper 54 µm ISO 534

Adhesive

Transparent, dispersion-based permanent. acrylic adhesive.

Liner

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

Basis Weight 32 g/m² ISO 536

Caliper 23 µm ISO 534

Laminate

Total Caliper 96 µm±10% ISO 534

Performance data

Initial Tack 9 N/25mm FTM 9 Glass

Peel Adhesion 90° 6.5 N/25mm FTM 2 St.St.

Min. Application Temp. 5 °C

Service temperature -20°C to 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 in combination with PET/PP film facestock permits residue-free removal of labels when washed in a hot water alkali solution.

Applications and use

Product is specially developed for “no-label look” decoration for the returnable Beer & Beverage market.

Automatic application: The robust film liner allows for consistent, snap free, application on high speed lines.

Conversion & printing

In order to achieve wash off, the base laminate is overlaminated with a PET19 film. Only surface printing (PET19 front-side) is possible. The PET 19 is laminated with a solvent structural adhesive to the PP30 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 inks. In case of solvent screen inks please consult your ink manufacturer. Good acceptance of cold foil blocking. As the liner is transparent, the applicator must detect the print itself or registration marks must be provided on either face or liner.

Press stability is good with stable, consistent register during conversion. Flat bed performance is good while solid and magnetic rotary dies need additional care. (Die bearers must be adjusted to the polyester liner).

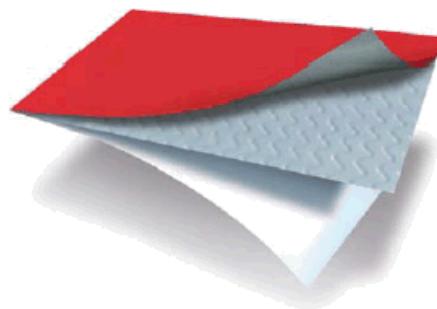
Special Approvals

W7600 complies with European food regulation 1935/2004/EC, with the German Recommendation (BfR) XIV

AI431

Fasson®

PET19/PP30 CLEAR - W7600-PET23



PET19/PP30 CLEAR

W7600

PET23

This is an automatically generated datasheet. All data to be considered as typical values and subject to change without prior notice. The actual front and liner used might influence adhesive values. Further testing is always recommended.

If you would like to make a suggestion or comment on this datasheet, please send an email to datasheet.mgmt@eu.averydennison.com

and with FDA § 175.105. It also meets the demands of the limit values laid down in 10/2011/EU. In accordance with the requirements of relevant EU food regulations, the adhesive W7600 may safely stand in direct contact with dry, moist and fatty foodstuffs which have a reduction factor of at least 4 according to the Commission Regulation (EU) No 10/2011, with ethanol 95% as fatty food simulatant used for migration testing.

Shelf life

One year under storage conditions as defined by FINAT (20-25°C; 40-50%RH)

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Warranty

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