

Facestock

A bi-axially oriented, gloss clear polypropylene film with a print-receptive topcoating

Basis Weight	46 g/m ²	ISO 536
Caliper	50 µm	ISO 534

Adhesive

A special permanent, acrylic based adhesive, for the pharmaceutical industry.

Liner

BG45 white FSC is a supercalendered glassine paper.

The liner is made from FSC® certified paper (FSC Mix Credit, chain-of-custody number: CU-COC-807907, Licence Code: FSC-C004451)

Basis Weight	70 g/m ²	ISO 536
Caliper	61 µm	ISO 534

Laminate

Total Caliper	137 µm±10%	ISO 534
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Performance Data

Initial Tack	17 N/25mm	FTM 9 Glass
Peel Adhesion 90°	10 N/25mm	FTM 2 St.St.
Min. Application Temp.	0 °C	
Service Temperature	-20 °C to 80 °C	
Peak Adhesive Stability (1hr)	125 °C	

Adhesive Performance

Emulsion acrylic adhesive specifically designed to meet the needs of pharmaceutical industry. High-tack and good adhesion on glass, PE, PP and cardboard. Developed for applications on cylindrical containers, e.g. pill bottles. Adhesive suitable for autoclave, gamma and ETO sterilisation.

Conversion and Printing

The top coated face material can be printed by letterpress, flexo, gravure and screen, giving good printing results with solvent, UV curing, waterbased inks and hot-foil blocking. Especially with waterbased and UV screen inks, careful selection of the ink and preliminary testing is essential. Material shows excellent register stability on press and excellent flat bed conversion while rotary and magnetic dies need additional care.

Compliance and Approvals

S2000NP complies with European food regulation 1935/2004/EC, with the German Recommendation BfR XIV and with FDA § 175.105. BfR (Bundesinstitut für Risikobewertung) is the German Federal Institute for Risk Assessment. 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 S2000NP may safely stand in direct contact with dry, moist and such kind of fatty foodstuffs with a reduction factor of at least 3 according to the Regulation (EU) No 10/2011.

The most recent cytotoxicity testing results obtained for S2000NP, concluded no relevant genotoxicity effect was observed; clearing the required ISO 10993-5 status.

S2000NP complies with DIN ISO 3826-1.

AU194

Fasson®

PP NG TOP CLEAR S2000NP INC-BG45WH FSC



PP NG TOP CLEAR

S2000NP

BG45WH FSC



The mark of
responsible forestry

This is an automatically generated datasheet. All data to be considered as typical values and subject to change without prior notice. 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

S2000NP has a Drug Master File (DMF) submitted to the FDA. Letter of authorization can be issued on request.

To our best knowledge SVHC's are not part of the formulation of the product mentioned above and/or do not exceed the maximum concentration level of 0.1% by weight of the product.

This product is in compliance with the requirements of the European Union Directive 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment, also known as "RoHS 2" or "RoHS recast".

This adhesive is covered by the Avery Dennison pharma change management programme. Please contact our technical representative to receive more information about our compliance statements and additional services.

Shelf Life

To obtain optimal performance, use this product within two years of the date of manufacture, under storage conditions as defined by FINAT (20-25°C; 40-50%RH). Prolonged storage outside these conditions might reduce the shelf life.

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Warranty

All Avery Dennison statements, technical information and recommendations are based on tests believed to be reliable but do not constitute a guarantee or warranty. All Avery Dennison products are sold with the understanding that purchaser has independently determined the suitability of such products for its purposes. All Avery Dennison's products are sold subject to Avery Dennison's general terms and conditions of sale, see <http://terms.europe.averydennison.com>



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