

Facestock

A white high-gloss film with print receptive coating. Produced from wood pulp sourced from managed plantations, the material is biodegradable and compostable.

Basis Weight 65 g/m² ISO 536

Caliper 45 µm ISO 534

Adhesive

S9500 is an acrylic based biodegradable and compostable adhesive.

Liner

BG40 white, a supercalendered glassine paper.

Basis Weight 60 g/m² ISO 536

Caliper 53 µm ISO 534

Laminate

Total Caliper 119 µm±10% ISO 534

Performance data

Initial Tack 12.5 N/25mm FTM 9 Glass

Peel Adhesion 90° 7 N/25mm FTM 2 St.St.

Min. Application Temp. 5 °C

Service temperature -20°C to 80°C

Adhesive Performance

The adhesive is characterized by a good initial tack and good adhesion on a wide variety of substrates.

Applications and use

It can be used for all kinds of applications, but is specifically suited for applications where the complete packaging should be biodegradable and where direct food contact is required. The NatureFlex film also has a good resistant to oils and grease.

Because of its nature (cellulose based) care should taken in wet conditions for long terms applications, preliminary tests are therefore recommended prior to use. It is recommended the storage in its original wrapping away from any source of local heating or direct sunlight.

S9500 is ideal be used for all kinds of applications, but is specifically suited for those kinds of applications where the complete packaging should be biodegradable and where indirect or direct food contact with dry foodstuff is required (ie. fruits & vegetables labeling).

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

Conversion & printing

The product offers very good die-cutting properties. NatureFlex™ can be converted by flexographic and rotogravure printing processes. Nitrocellulose-based inks and water based inks are suitable. For applications on biodegradable packaging, the use of biodegradable inks is recommended. Please consult your printing ink supplier about suitable printing inks.

Because of the heat sensitivity of the face stock the drying temperature needs to be reduced to the lowest possible temperature. Opposed to this, the air flow to dry the inks needs to be increased.

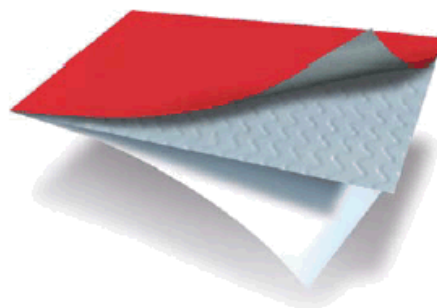
Special Approvals

S9500 is compliant with the European food regulation

AM581

Fasson®

NATUREFLEX WHITE - S9500-BG40WH FSC



NATUREFLEX WHITE

S9500

BG40WH FSC

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

1935/2004/EC for direct food contact with dry, non-fatty foodstuff.

S9500 complies with DIN EN 13432 biodegradability and compostability regulation and is OK compost certified under the tracking number S259.

Natureflex facestock is certified biodegradable according to the European Standard EN13432 . Natureflex is OK compost HOME certified under the tracking number S020.

Shelf life

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

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Warranty

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