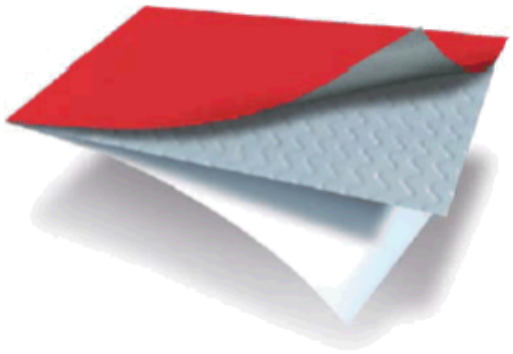
BS165

Fasson ®

rPE80 TOP CLEAR
S692N-rBG40WH FSC



Facestock

A clear polyethylene film with a print-receptive topcoat and 50% mechanically recycled post-consumer waste coming from EU origin.

Basis Weight	75 g/m²	ISO 536
Caliper	80 µm	ISO 534

Adhesive

A general purpose permanent, acrylic based adhesive.

Liner

rBG40 White, a siliconized supercalendered glassine paper, contains 15% post-consumer waste. Being produced with recycled material, there is a possible higher incidence of impurities, visible fibers and slight variation in tone.

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

Basis Weight	54 g/m²	ISO 536
Caliper	47 µm	ISO 534

Laminate

Total Caliper	142 µm±10%	ISO 534

Performance Data

Initial Tack	10 N/25mm	FTM 9 Glass
Peel Adhesion 90°	6 N/25mm	FTM 2 St.St.
Min. Application Temp.	5 °C	
Service Temperature	-20 °C to 80 °C	

Adhesive Performance

S692N is a clear permanent adhesive featuring excellent UV resistance and weatherability together with good adhesion performance, even on apolar substrates.

S692N in combination with polyolefin face materials (PE85, PP, Global MDO) is approved by Recyclass as fully compatible with the rigid HDPE recycling stream.

Applications and Use

Applications are predominantly in home and personal care. Due to its flexibility the product is especially suitable for squeezable bottles and other flexible containers.

rPE80 TOP CLEAR	
S692N	
rBG40WH FSC	

FSC
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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

Conversion and Printing

Recycled PE (rPE) inherently contains more impurities (gels) vs. conventional PE. Moreover, there can be batch-to-batch variations with regards to color, size/amount of impurities, stiffness as well as melting point. Those impurities are most evident on large solid colored label areas or with hot and cold foiling processes. Visually the rPE film appearance is slightly more yellowish vs. conventional PE. For die-cutting we recommend to avoid the use of damaged dies, as this may result in labels lift off with the matrix. The topcoated film can be printed by conventional and digital printing techniques such as UV flexo, screen, offset, letterpress, gravure, letterpress and hot or cold foiling processes. The topcoat is designed for optimal ink adhesion with UV-cured inks, including low migration inks, and is compatible with LED curing systems. The face material is suitable for Thermal Transfer printing. Exact inks, foils and ribbons should be specified by your ink/foil/ribbon supplier. On-press corona treatment is not advised. When applying a heavy ink load, the PE film may become brittle. Contact your ink supplier for advice on suitable, more flexible inks. The material also has a good printability with UV-Inkjet, however, due to the presence of gels, there is a small risk of damaging the printhead. Therefore, care should be taken when using the material for UV-Inkjet printing.

Compliance and Approvals

rPE80 TOP CLEAR is not approved and not recommended for food contact applications.

The adhesive S692N is suitable for contact with dry, moist and fatty foodstuffs with a reduction factor of 3 or higher in this construction.

For complete information regarding the food contact compliance status, please contact your local sales representative for a Food Contact Statement.

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.

Avery Dennison Materials Group Europe

Willem Einthovenstraat 11
2342 BH Oegstgeest
The Netherlands
+31 (0)85 000 2000

Warranty
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