Facestock
A matt white polypropelene with highly absorbent surface structure specifically designed for water-based inkjet printing of BS 5609-certified labels.
Basis Weight 57 g/m² ISO 536
Caliper 87 µm ISO 534

Adhesive
S477 is the new generation clear transparent emulsion adhesive for oil can applications.

Liner
BG40 white, a supercalendered glassine paper.
Basis Weight 61 g/m² ISO 536
Caliper 54 µm ISO 534

Laminate
Total Caliper 162 µm±10% ISO 534

Performance data
Initial Tack 20 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

Adhesive Performance
S477 is a clear permanent adhesive featuring excellent initial tack, adhesion, "wet-out" performance even on apolar surfaces such as HDPE. Improved temperature water, solvent and chemical resistance.

Applications and use
Applications where the label has to survive harsh environments, e.g. drum labelling. The product can also be used in a variety of labelling applications which need water resistance and can benefit from advantages of digital inkjet printing: short runs, last minute changes, personalised layouts and fast turn-round full colour printing.
Adhesive has been developed for in-house oil can labelling. For external oil can labelling testing is strongly recommended.

Conversion & printing
The facestock is designed for water-based inkjet printing in compliance with GHS standards. It exhibits good light and water fastness with both pigment and dye-based inks. Printed with pigment inks can be BS 5609 certified.

Special Approvals
S477 complies with European food regulation 1935/2004/EC, with the German Recommendation (BfR) XIV 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 S477 may safely stand in direct contact with dry, moist and fatty foodstuffs which have a reduction factor of at least 3 according to the Commission Regulation (EU) No 10/2011, with vegetable oil as fatty food simulant used for migration testing.

Adhesive passes BS5609 part II (maritime test) in combination with specific facestocks. See our website for more details.
The product has received BS 5609 Section 2 compliant. The face material is compliant with BS 5609 section 3 when printed with the following printing machines:
EPSON C-3500 (DuraBrite Tinten)
Primera LX2000e

BH337
Fasson ®
@WBIJ PP90 WHITE BS5609 - S477-BG40WH

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

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