

Fasson® Direct-Thermal Premium/S1010/BG40Wh Imp

Spec# / NW0033

Last Modified: 18-Mar-2010

Facestock

A smooth, bright, white woodfree paper with heat sensitive coating which is over top coated with ink receptive and protective layer. The ink receptive and protective layer offers very good resistance to moisture, fat, oil, etc.

Basis Weight 74 g/m² TAPPI T410
Caliper 77 µm TAPPI T411

Adhesive

S1010 is an emulsion acrylic adhesive.

Typical Performance Data

Initial Tack 12.8 or tear FTM 9 glass
N/25mm
Peel Adhes. 90° 9.0 or tear FTM 2 st.st.
N/25mm
Min. appl. temp. 5°C
Service temp. -20°C to 80°C subject to facestock limitations

Food Industry Labels

The adhesive complies with FDA regulations (section 175.105) for indirect food contact.

Liner

BG40 is a high density glassine paper featuring high internal strength, toughness and tear resistance as well as high transparency.

Basis Weight 62 g/m² TAPPI T410
Caliper 55 µm TAPPI T411

Laminate

Total Caliper 140 µm +/- 10%

Applications and Uses

This product is designed for use in direct thermal printing systems at various printing speeds. Typical applications include barcode labels for pre-packed food e.g. meat, fish, poultry, cheese and industrial barcoding e.g. tracking, shelf edge, laboratory, hospital whereby a high level of image resistance is required.

S1010 adhesive has been developed as General Purpose Permanent adhesive for paper labels. It adheres well to a variety of substrates. It is advisable to test the product with the end-use conditions during the qualification to ensure it meets specific requirements.

Note : The image resolution can be affected by exposure to conventional or fluorescent light, moisture, grease and careless handling.

N.B : When paper labels are to be exposed to very high humidity conditions and directly contact with packaging, it is essential that an appropriate water resistant varnish is used to prevent surface picking.

Printing / Converting

The product can be converted by all conventional roll conversion technologies including flexographic and UV letterpress. However, due to the thermographic properties, exposure above 50°C may cause premature imaging or discoloration. It is advisable to test inks and varnishes before conversion.

High internal strength of the glassine liner provides excellent support for die cutting both rotary and flat bed.

Shelf Life

One year when stored at 22°C and 50% R.H.

Statement of Practical Use

As with all pressure sensitive materials, this product should be tested thoroughly under end-use conditions to ensure it meets the requirements of the specific application.



Avery Dennison (Thailand) Ltd.
Avery Dennison Singapore Pte. Ltd.
P.T. Avery Dennison Indonesia
Avery Dennison Materials Sdn. Bhd.
ADC Philippines Inc.
Avery Dennison (Vietnam) Limited

Tel: +66 2 750 2070 Fax: +66 2 750 2071
Tel: +65 6349 0333 Fax: +65 6278 2455
Tel: +62 21 893 6033 Fax: +62 21 893 6031
Tel: +60 3 8925 0901 Fax: +60 3 8925 0903
Tel: +63 2 916 6816 Fax: +63 2 682 8243
Tel: +84 8 3816 4639 Fax: +84 8 3816 4638

Warranty

Information concerning Products are based upon tests believed to be reliable but do not represent a guarantee or warranty. Products are provided on the basis that any Purchaser has independently determined the suitability of the Products and Purchaser's purposes. The Company warrants the products to be free from defects in material and workmanship. Should any failure to conform to this warranty appear within one year of delivery (but not afterwards), upon notification thereof within seven (7) days of such appearance and substantiation that the Products have been stored and applied in accordance with the Company standards, the Company shall within a reasonable period correct such defects by providing a suitable replacement without charge at the Company's plant or at the location of the Products (at the Company's election) provided however, if the Company in its sole discretion determines that replacement is not commercially practical, the Company may issue a credit in favour of the Purchaser in an amount not to exceed the purchase price actually paid for the Products. Any implied warranty of merchantability fitness for particular purpose or other warranty of quality, whether express or implied by law, is hereby excluded to the extent permitted by law. In no event shall the Company be liable for any incidental, indirect or consequential damages including, but not limited to, loss of profit, loss of use or loss of capital. The remedies of the Purchaser set forth herein are exclusive, and the total potential liability of the Company arising out of any contract of or from the manufacture, sale, delivery, resale, installation or use of any products shall not exceed the purchase price of the products upon which liability is based.