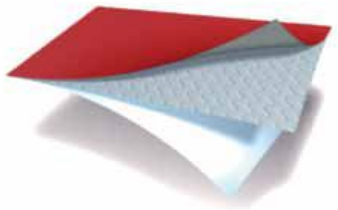
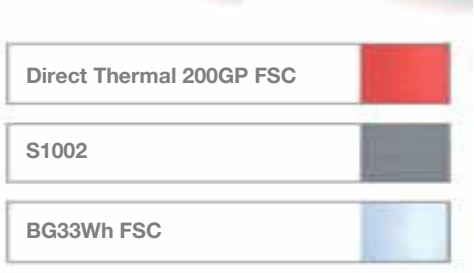
AVERY DENNISON | Label and Packaging Materials

NW0060F

Fasson® Direct Thermal 200GP FSC/ S1002/BG33Wh FSC





Sustainable Advantage

R Responsibly Sourced

R Reduction in the use of Materials

Facestock

A smooth white woodfree paper with a barrier coated thermosensitive layer suitable for direct thermal barcode applications. The facestock is made from FSC certified paper (FSC Mix Credit, Chain of Custody number: SCS-COC-005041, License Code: FSC-C122337).

Basis Weight	76 g/m²	ISO 536
Caliper	80 µm	ISO 534

Adhesive

S1002 is an emulsion acrylic adhesive with good initial tack and ultimate adhesion on high surface energy substrates.

Liner

A super calendered white glassine paper featuring high internal strength.

Basis Weight	50 g/m2	ISO 536
Caliper	48 µm	ISO 534

Laminate

Total Caliper	142 µm ± 10%	Calculated

Typical Performance Data

Initial Tack	11.0 N/25mm	FTM 9 glass
Peel Adhes. 90°	7.0 N/25mm	FTM 2 st.st.
Min. appl. temp.	5°C	
Service temp.	-20°C to 80°C subject to facestock limitations	

**Typical Performance Data only serves as reference to product performance under specified testing conditions and does not represent a product specification. Customers are recommended to test under actual conditions of use to determine its suitability. Temperature data shown only applies to adhesive test performance.*

Applications and Use

This product is designed for use in direct thermal printing systems at various printing speeds. Typical applications include barcode labels for typical weight scale applications where moderate to high barcode image is required. A product designed with essential resistance to oil, water and heat suited for pre-packed food.

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.

Conversion/printing

The product can be converted by conventional roll conversion technologies including flexographic. 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.

Food Industry Labels

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

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.

Shelf life

To obtain optimal performance, use this product within one year 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.

Note: The information in this datasheet is correct at time of publishing. Avery Dennison reserves the right to revise the content as required without prior notice.

Warranty

All statements, technical information and recommendations about AVERY DENNISON products are based upon 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. AVERY DENNISON products are warranted to be free of defects in material or workmanship for a period of one year from the date of shipment. Any product shown to the satisfaction of AVERY DENNISON within the time provided to be so defective shall be replaced without charge of AVERY DENNISON may issue credit in such amount as it seems reasonable however, in no event shall AVERY DENNISON be responsible for claims beyond the replacement value of the defective product or in any way liable or responsible for consequential or incidental damages.

NO EXPRESS WARRANTIES, WHETHER OF MERCHANTABILITY OR FITNESS FOR ANY ARTICULAR USE, OR OTHERWISE, EXCEPT AS SET FORTH ABOVE (WHICH IS MADE EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES) SHALL APPLY TO PRODUCTS SOLD BY AVERY DENNISON. AVERY DENNISON SPECIFICALLY DISCLAIMS AND EXCLUDES ALL OTHER SUCH WARRANTIES. NO WAIVER, ALTERATION, ADDITION OR MODIFICATION OF THE FOREGOING CONDITIONS SHALL BE VALID UNLESS MADE IN WRITING AND SIGNED BY AN EXECUTIVE OFFICER OF AVERY DENNISON. No salesman, representative, or agent of AVERY DENNISON is authorized to give any guarantee, warranty or make any representation contrary to the above.

Updated 01 Sept 2021