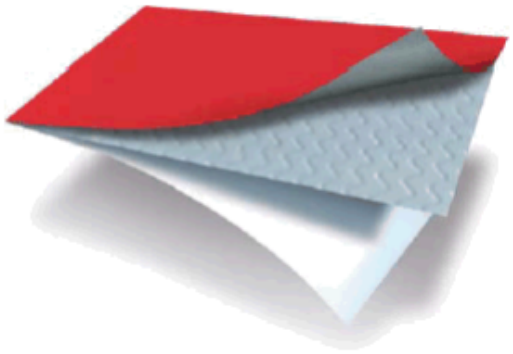
BU378

Fasson ®

THERM ECO BPA FREE FSC
WX6030-BG40BR FSC



THERMAL ECO BPA FREE FSC	
WX6030	
BG40BR FSC	

Facestock

A white, woodfree direct thermal uncoated paper with a high sensitivity thermal coating providing good image resolution. The facestock is produced without use of Bisphenol A (BPA free). This direct thermal paper material is produced in compliance with Regulation (EC) No 1907/2006, Regulation (EU) 2025/40, and (EU) 2024/3190.

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

Basis Weight	68 g/m²	ISO 536
Caliper	77 µm	ISO 534

Adhesive

A special purpose permanent, water removeable, acrylic based adhesive.

Liner

BG40 BROWN FSC certified, supercalendered glassine paper.

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	144 µm±10%	ISO 534

Performance Data

Initial Tack	13 N/25mm	FTM 9 Glass
Peel Adhesion 90°	7 N/25mm	FTM 2 St.St.
Min. Application Temp.	0 °C	
Service Temperature	-20 °C to 80 °C	

Adhesive Performance

WX6030, an acrylic based, semi-permanent adhesive with good initial tack and excellent water removability from HDPE, PET, beer kegs and stainless steel surfaces. WX6030 is designed specifically to be used in combination with paper facestocks, although thick natural papers should be thoroughly tested. Usage with other types of facestock needs to be evaluated. The adhesive loses adhesion rapidly in contact with water, for this reason labels can be applied to dry substrates only. The water removability performance depends partly on the available washing system and temperature, also the substrate and facestock (including printing and varnishing) are influencing factors. WX6030 can be removed from the packaging as label itself under washing system with water only at 21 to 60 Celsius. Preliminary wash-off tests under actual end use conditions are strongly recommended. To avoid adhesive bleeding it is recommended to take extra care of the winding tension of the final label reels. WX6030 is a NPEO-free adhesive.

Applications and Use

This Direct Thermal facestock is designed for use in logistic or warehousing, inventory labeling applications, where limited image durability is required, on cardboard or paper surfaces.Contact with moisture, oil, fats, plasticizers andexposure to strong lighting should be avoided due to potential image fade.

FSC
www.fsc.org
FSC® C004451
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

The removability is substantially influenced by the wash off temperature (the higher the temperature, the shorter the wash off time), by the type of paper used and the storage and weathering (rain/water/humidity/UV) of applied label. Not recommended to use it under wet conditions, in order to use the adhesive under these conditions, please reach out to our technical sales team.

Conversion and Printing

This product is designed to be converted and dispensed at high speed by all conventional roll conversion technologies, including flexographic and UV letterpress. Due to the thermographic properties, exposure above 50°C may cause premature imaging or discolouration. Inks containing alcohol or volatile organic solvents may also cause discoloration. It is advisable to test inks and varnishes before conversion. We generally recommend not to pre-print the area which will be thermally imaged.

Compliance and Approvals

This direct thermal material is designed for direct contact with foodstuffs which are peeled, shelled or washed before consumption. It is the responsibility of the downstream user to ensure that the final food contact material is safe to use in the intended condition and in contact with foodstuffs. For more information on the exact applications please contact your sales representative.

N.B. It should be avoided that converted labels become wet during transportation or storage as this could have an adverse effect on the later removability.

The adhesive WX6030 is suitable for contact with dry, non-fatty foodstuffs in this construction. For complete information regarding the food contact compliance status, please contact your local sales representative for a Food Contact Statement.

REACH Compliance

Notification according to Article 33 of the REACH Regulation (SVHC) This article contains the following substance which is included on the candidate list, according to article 59 (1,10) of the REACH registration, in a concentration above 0.1% (w/w):

4,4'-sulphonyldiphenol (CAS No. 80-09-1)

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

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.

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Warranty
All Avery Dennison statements, technical information and recommendations are based on 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. All Avery Dennison's products are sold subject to Avery Dennison's general terms and conditions of sale, see http://terms.europe.averydennison.com

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