

### Facestock

A matt, white, TOP protected woodfree card with a thermal sensitive coating on one side. Ideal for ticketing applications requiring enhanced resistance to moisture, fat, oil, alcohol and high quality backside printing.

The facestock is made from FSC® certified paper (FSC Mix 70%, chain-of-custody number: CU-COC-807907, Licence Code: FSC-C004451).

Basis Weight	191 g/m <sup>2</sup>	ISO 536
Caliper	196 µm	ISO 534
Brightness	>86 %	ISO 2470
Stiffness MD	1500 mg	Gurley
Stiffness CD	840 mg	Gurley
Tear Elmendorf MD	1.23 N	DIN EN 21974
Tear Elmendorf CD	1.52 N	DIN EN 21974
Tensile MD	13.5 kN/m	ISO 1924
Tensile CD	7.2 kN/m	ISO 1924
Print Smoothness	<1.6 pt	Parker

### Applications and Use

This product is ideal for applications such as event tickets, transportation tickets and boarding passes. This product is produced without the use of Bisphenol A (BPA).

### Conversion and Printing

The product can be converted by all conventional roll conversion technologies including: Letterpress, Offset, Screenprinting, UV flexo and Water-based flexo. This product is also suitable for variable information printing in: Direct thermal printing systems at printing speeds up to 200 mm/sec (based on the printer's set up). The backcoat is a pigment coating with an optical brightener especially under changing climatic conditions. **IMPORTANT NOTES:** Due to the thermographic properties, exposure above 50°C may cause premature imaging or discolouration. Inks containing alcohol or volatile organic solvents may cause discolouration of the thermosensitive coating. It is advisable to test inks and varnishes before conversion.

### 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>

# BD561

## Fasson ®

### THERM TOP 1S-190BACK FSC



THERM TOP 1S-190BACK  
FSC



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responsible forestry

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