

### Material

White, woodfree card, coated with a thermal sensitive coating and a protective topcoating to enhance resistance to moisture, fat, oil, alcohol.

Basis Weight	182 g/m <sup>2</sup>	ISO 536
Caliper	183 µm	ISO 534
Tensile strength MD	> 6.8 kN/m <sup>2</sup>	ISO 1924/1
Tensile strength CD	> 3.4 kN/m <sup>2</sup>	ISO 1924/2
Tear Strength MD	> 1000 mN	ISO 1974
Tear Strength CD	> 1000 mN	ISO 1974
Brightness	> 91 %	ISO 2470

### Applications and use

This thermosensitive product is designed for use in thermal printing systems at printing speeds up to 200 mm/sec (based on the printer's set up). Typical applications include event tickets, transportation tickets and boarding passes.

### Conversion & printing

The product can be converted by all conventional roll conversion technologies including flexographic and UV letter press. However, 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. The backcoat is a pigment coating with an optical brightener which improves printability and ensures a very good flatness especially under changing climatic conditions.

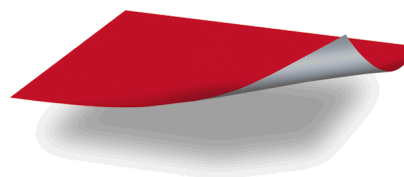
### Shelf life

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

## AG203

### Fasson ®

#### THERMAL TOP 1S-180 BACK



THERMAL TOP 1S-180 BACK

*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](mailto:datasheet.mgmt@eu.averydennison.com)*

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