

### Material

A matt, white, TOP protected woodfree paper with a thermal sensitive coating on one side. Ideal for ticketing applications requiring enhanced resistance to moisture, fat, oil, alcohol and longer term usage. The facestock is made from FSC® certified paper (FSC Mix Credit, chain-of-custody number: CU-COC-807907, Licence Code: C004451).

Caliper	74 µm	ISO 534
Basis Weight	75 g/m <sup>2</sup>	ISO 536
Tensile CD	>2.3 kN/m	ISO 1924
Tensile MD	>4.7 kN/m	ISO 1924
Tear Strength CD	>370 gm/mm	ASTM D-1922
Tear Strength MD	>325 gm/mm	ASTM D-1922
Opacity	86 %	DIN 53146
Stiffness CD	.14 mN/m	ISO 2493
Stiffness MD	.24 mN/m	ISO 2493
Brightness	87 %	ISO 2470
CIE-whiteness	105 %	ISO 2470
Surface smoothness, Bekk	>1000 s	ISO 5627

### Applications and use

This product is ideal for applications such as parking tickets, transportation tickets and receipts.

### Conversion & printing

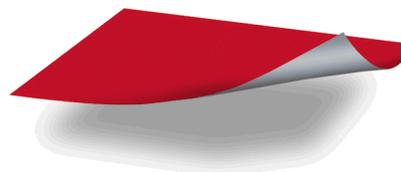
The product can be converted by all conventional roll conversion technologies including: Letterpress, Offset, Screenprinting, UV flexo and Water-based flexo. This product is also suitable for variable information printing in: Direct thermal printing systems at printing speeds up to 200 mm/sec (based on the printer's set up). **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

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

## AT810

### Fasson® THERMAL TOP 1S-80 FSC



THERMAL TOP 1S-80 FSC

*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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#### Warranty

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