

### Material

White, woodfree paper with a thermal sensitive coating. Fair resistance to contaminants, only for short term applications.

Basis Weight	120 g/m <sup>2</sup>	ISO 536
Caliper	120 µm	ISO 534
Tensile Str. MD	70 N/15mm	ISO 1924-2
Tensile Str. CD	50 N/15mm	ISO 1924-2
Bending stiffness MD	210 mN	L&W 15°
Bending stiffness CD	110 mN	L&W 15°
Brightness	80 %	ISO 2469

### 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. The product is not suitable for applications that require high-quality 4-colour backside printing.

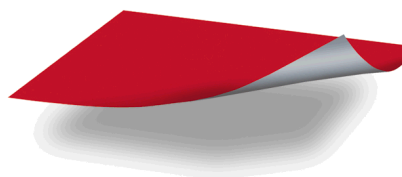
### Conversion & printing

This thermo-sensitive product is designed for use in thermal printing systems at printing speeds up to 200 mm/sec. 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.

### Shelf life

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

## AG346 Fasson® THERMAL ECO 1S-120



THERMAL ECO 1S-120

*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 report a mistake on this datasheet, please send an email to [datasheet.mgmt@eu.averydennison.com](mailto:datasheet.mgmt@eu.averydennison.com)*

### Avery Dennison Materials Group Europe

Willem Einthovenstraat 11  
2342 BH Oegstgeest  
The Netherlands  
+31 (0)85 000 2000

#### 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.

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. Should a defect be communicated to Avery Dennison within that time frame, Avery Dennison will evaluate and determine the existence of the defect and further decide, at its sole discretion, to either replace the defective product without charge or compensate it with a credit note in such amount as Avery Dennison deems reasonable. Avery Dennison shall have no responsibility beyond the replacement value of the defective product nor shall in any way be liable or responsible for consequential or incidental damages.



ANY OTHER WARRANTY, WHETHER EXPRESS OR IMPLIED, OR WHETHER OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR OTHERWISE, SHALL BE EXCLUDED. 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.

©2013 Avery Dennison Corporation. All rights reserved. Avery Dennison and all other Avery Dennison brands, this publication, its content, product names and codes are owned by Avery Dennison Corporation. All other brands and product names are trademarks of their respective owners. This publication must not be used, copied or reproduced in whole or in part for any purposes other than marketing by Avery Dennison.