

Material

3 layer laminate: Thermal TOP paper // PP // normal office paper for stapled tear resistant Tag's.

Basis Weight	170 g/m ²	ISO 536
Caliper	194 µm	ISO 534
Smoothness (Bekk) Thermal 600 s side		ISO 5627
Smoothness (Bekk) Reverse 10 s side		ISO 5627
Elongation MD	min 2.0 %	ISO 527-1
Elongation CD	min 7.0 %	ISO 527-1
Tensile strength MD	min 150 N	ISO 527-1
Tensile strength CD	min 140 N	ISO 527-1

Applications and use

Typical applications are stapled Tag's on wooden boxes or pallets. Sometimes this product is used as a tear resistant entrance ticket for an event. Its multi-layer structure gives this product a very high resistance against tearing combined with the possibility to print variable information in an easy to use direct thermal barcode printer.

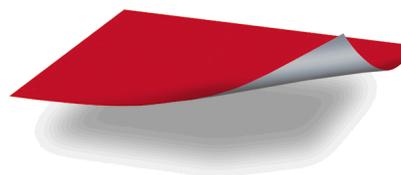
Conversion & printing

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)

AE518 Fasson® THERMAL CARD HS 1S-170



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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

Avery Dennison Materials Group Europe

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

Warranty

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