

Product data FASSON THERMAL 200LD S2045N-BG40BRNo Imprint / [ANT346](#)

EAN Code :

8712739347036

Spec Code : AJ110

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FaceStock

A white, woodfree printing paper with a high sensitivity thermal coating providing good image resolution.

Basis Weight 75g/m² ISO 536

Caliper 0.082mm ISO 534

Adhesive

A general purpose permanent, rubber based adhesive.

Liner

BG40 brown, a supercalendered glassine paper.

Basis Weight 59g/m² ISO 536

Caliper 0.053mm ISO 534

Transparency 50% ISO 2469

Laminate

Total Caliper 0.151mm +/- 10%

PERFORMANCE DATAInitial Tack 640N/m FTM 9
glassPeel Adhes. 90° 400N/m FTM 2
st.st.

Min. appl. temp. 0 °C

Service temp. -40 °C --> +50 °C

Adhesive performance

The adhesive features excellent tack and adhesion on a wide variety of substrates, including apolar, slightly rough and curved substrates.

Particularly good performance at lower temperatures, e.g. labeling of chilled products.

The adhesive complies with the European food directives and legislations, FDA 175.105 and the German recommendations XXI as published by BfR. BfR (Bundesinstitut für Risikobewertung) is the German Federal Institute for Risk Assessment. The adhesive can be used in direct contact with dry and moist, non fatty foodstuffs.

Applications and use

This Direct Thermal product is designed for use in dry weigh scale, process tracking, point of sale item information labelling where limited image durability is required. Typical end applications include fruit and vegetable weigh scale, hardware, work-in-process material tracking. Contact with moisture, oil, fats, plasticizers and exposure to strong lighting should be avoided due to potential image fade.

Conversion / Printing

This product is designed to be converted and dispensed at high speed by all conventional roll conversion technologies, including flexographic and UV letterpress. Due to the thermographic properties, exposure above 50°C may cause premature imaging or discoloration. Inks containing alcohol or volatile organic solvents may also cause discoloration. It is advisable to test inks and varnishes before conversion.

N.B. : We recommend not to pre-print the thermal imaged area with water based flexographic inks.

Shelf life

One year after manufacturing. Thermally printed labels are restricted to one year, both if stored at 22°C / 50% RH

N.B. : All data to be considered as typical values.



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