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Fasson®
DT300BL S2049 BG40WHN

A white direct thermal BOPP film on a hotmelt adhesive suitable for rough surfaces such as recycled board

Applications

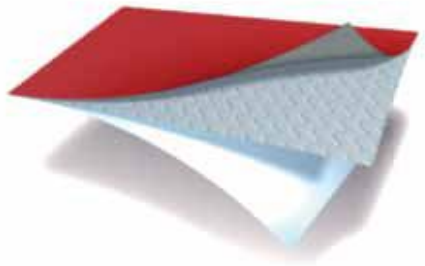


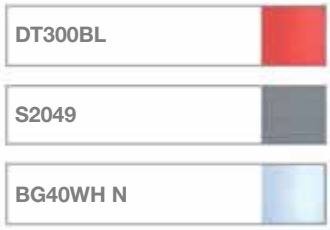
Key Features

> Excellent resistance to moisture, fats and oils.
> Excellent durability, including smudge resistance.
> Excellent adhesive performance on a wide variety of difficult substrates.
> Safe to use on packaging of food products where FDA 175.105 is required.

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Facestock
A white BOPP film with a barrier-coated thermosensitive layer.

Basis Weight:	70 g/m²± 10%	ISO 536
Caliper:	85 µm± 10%	ISO 534

Adhesive
S2049 is a global general-purpose permanent, rubber-based adhesive suitable for rough surfaces such as recycled board.

Liner
A supercalendered paper liner , glassine paper, specially designed for medium to high speed conversion. Designed for accurate kiss / die-cutting.

Basis Weight	58 g/m²±10%	TAPPI T410
Caliper	53 µm±10%	TAPPI T411

Laminate

Total Caliper	158 µm ±10%	Calculated

Typical Performance data

Initial Tack	600 N/m FTM 9 glass
Peel Adhes. 90°	290 N/m FTM 2 st.st.
Min. appl. temp.	0°C
Service temp.	-40°C to 70°C subject to facestock limitations

**Typical Performance Data only serves as reference to product performance under specified testing conditions and does not represent a product specification. Customers are recommended to test under actual conditions of use to determine its suitability.*

Adhesive performance
S2049 features excellent performance on a wide variety of substrates, including apolar, textured HDPE, recycled corrugated cardboard, slightly rough, curved and difficult substrates. It is suitable for use in chilled or room temperature environments and provides moisture resistance after applying on a dry surface. Exposure to chemicals and sunlight could degrade the adhesive. Not suitable for storage near ozone sources such as electrical devices.

Applications and use
Suitable for barcode labelling where excellent resistance to moisture, oils and fats is required in the retail and industrial sectors e.g. pre-packed food, meat and fish, laboratory items and pharmaceutical applications. Additional durability including smudge and moisture resistance is required e.g. Freeze/thaw applications. NOTE: Avoid prolonged temperature of 50°C or more for long periods. Exposure to direct sunlight or strong fluorescent light may invalidate the image or discolouration.

Conversion/printing
Can be used on all conventional label printing technologies. UV Flexo and Letterpress are recommended. Suitable for conventional die-cutting processes and conventional inks and varnishes. Consult specialists for details. Thermal coating may exhibit poor scuff resistance in wet environments. Inks containing alcohol or volatile organic solvents may cause discolouration of the thermosensitive coating. Excessive press label rewind tension may cause labels to slip/misalign or adhesive to bleed. When converting filmic products, anti-static devices are strongly recommended and all dies should be proofed to the construction.

Food Industry Labels
The adhesive complies with FDA 175.105 and German recommendations XIV as published by BfR. This adhesive can be used in direct contact with dry and moist, non fatty foodstuffs.

Statement of Practical Use
As with all pressure sensitive materials, this product should be tested thoroughly under end-use conditions to ensure it meets the requirements of the specific application.

Shelf life
One year when stored at 23 ± 2°C and 50 ± 5% RH.

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Warranty

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