

Facestock

Clear PET film with thermo-sensitive coating (black imaging).

Basis Weight	77 g/m ²	ISO 536
Caliper	57 µm	ISO 534

Adhesive

C2040 is a deep-freeze permanent, acrylic based adhesive

Liner

BG40 white, a supercalendered glassine paper.

The liner is made from FSC® certified paper (FSC Mix Credit, chain-of-custody number: CU-COC-807907, Licence Code: FSC-C004451).

Basis Weight	57 g/m ²	ISO 536
Caliper	51 µm	ISO 534

Laminate

Total Caliper	127 µm±10%	ISO 534
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Performance Data

Initial Tack	8 N/25mm	FTM 9 glass
Peel Adhesion 90°	5.5 N/25mm	FTM 2 st.st.
Min. Application Temp.	-15 °C	
Service Temperature	-50 °C to 80 °C	

Adhesive Performance

The adhesive is specially designed for use at low temperature and freezer conditions. It features good tack and adhesion to a wide variety of packaging materials such as cardboard, plastic films, HDPE, PP and PET including apolar substrates.

Applications and Use

A durable, standard sensitive, transparent direct thermal film that exhibits good environmental resistance. Ideal for labels on both clear and opaque substrates without sacrificing the appearance of the substrate surface. Well suited for address labels, product identification labels, shelf marking labels, drink cups, garment labels and other applications that require transparent characteristics.

Typical applications are the labeling of food products in deep-freeze warehouse or packaging plants. Limited performance on curved surfaces (mandrel). A trial is always needed to verify the product / end use suitability.

Conversion and Printing

This thermo-sensitive product is designed for use in thermal printing systems. The product can be converted by 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.

Compliance and Approvals

The adhesive C2040 is suitable for contact with dry, moist, and fatty foodstuffs that have a reduction factor of 3 or higher in this construction. For complete information regarding the food contact compliance status, please contact your local sales representative for a Food Contact Statement.

BT323

Fasson ®

THERMAL PET57 TOP CL A C2040-BG40WH FSC



THERMAL PET57 TOP
CLEAR

C2040

BG40WH FSC



The mark of
responsible forestry

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

Shelf Life

To obtain optimal performance, use this product within two years of the date of manufacture, under storage conditions as defined by FINAT (20-25°C; 40-50%RH). Prolonged storage outside these conditions might reduce the shelf life.

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Warranty

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