

### Facestock

Clear Polypropylene film with thermo-sensitive coating (black imaging)

Basis Weight	80 ±7 g/m <sup>2</sup>	ISO 536
Caliper	75 ±10 µm	ISO 534

### Adhesive

A general purpose permanent, rubber based adhesive.

### Liner

BG40 white, a supercalendered glassine paper.

Basis Weight	61 g/m <sup>2</sup>	ISO 536
Caliper	54 µm	ISO 534

### Laminate

Total Caliper	161 µm±10%	ISO 534
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### Performance data

Initial Tack	22 N/25mm	FTM 9 Glass
Peel Adhesion 90°	11 N/25mm	FTM 2 St.St.
Min. Application Temp.	0 °C	
Service temperature	-40°C to 70°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.

### Applications and use

A durable synthetic tag face material with enhanced chemical as well as tear resistance and high sensitivity for use in a wide range of applications, including retail, wristbands, sport/game licensing, amusement passes where medium life is common.

### 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 70°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.

### Special Approvals

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.

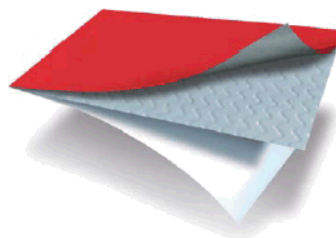
### Shelf life

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

## AS973

### Fasson ®

### THERMAL FILM MATT CLEAR - S2045N-BG40WH IMP



**THERMAL FILM MATT  
CLEAR**

**S2045N**

**BG40WH**

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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.

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