

#### Facestock

White polypropylene film with thermo-sensitive coating (black imaging).

Basis Weight	61 g/m <sup>2</sup>	ISO 536
Caliper	76 µm	ISO 534

#### Adhesive

D170N is a transparent, rubber-based permanent, synthetic adhesive.

#### Liner

Supercalandered glassine paper, white, increased release level.

Caliper	68 µm	ISO 534
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#### Laminate

Total Caliper	159 µm±10%	ISO 534
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#### Performance data

Initial Tack	23 N/25mm	FTM 9 Glass
Peel Adhesion 90°	12 N/25mm	FTM 2 St.St.
Min. Application Temp.	0 °C	
Service temperature	-40°C to 70°C	

#### Adhesive Performance

An adhesive for moist or cold surfaces, e.g. for affixing logistic labels to packaging film. Also suitable for difficult surfaces (but not for sharp corners or small radii of curvature).

#### Applications and use

A durable synthetic material with enhanced tear resistance and high sensitivity for use in a wide range of applications, including commercial tagging, wristbands, sport/game licensing, amusement pass, and ski lift tickets where short life or low contamination is common.

For direct and indirect adhesive coating applications. Particularly suitable as a release paper for die-cutting self adhesive labels.

#### 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.

This backing will give high release values and is recommended for manual dispensing.

#### 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.

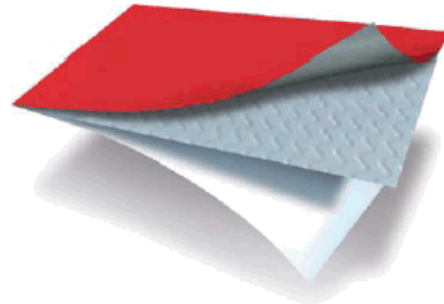
#### Shelf life

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

## BN569

### Fasson®

#### THERMAL PP75 TOP WHITE - D170N- BG50WH HR



THERMAL PP75 TOP WHITE

D170N

BG50WH HR

*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](mailto:datasheet.mgmt@eu.averydennison.com)*

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