

# FSC ScandTherm TCS PB SSP 50N x 2 HG0 x 2



## FACESTOCK

ScandTherm TCS is a protected direct chemi-thermal label, which is a woodfree paper with a coating of - thermosensitive dyes which turn black when heated. - There is a top coating which protects the label surface and thermally printed images from above, against - contaminants such as moisture, oil, grease and plasticisers from films. - ScandTherm TCS can be printed by water based and UV inks and varnishes designed for use with direct - thermal papers. - This thermal paper has a standard sensitivity making it suitable for print speeds up to 200-250mm per second - depending on printer settings. - It is recommended that customers assess both the pre-print and the overprint characteristics under end use - conditions before proceeding to long runs.

This is a PiggyBack construction that has two release coated backing papers, two layers of adhesive and a face material which allows a label to be applied, complete with backing, for future or further application.

### Type

Paper

### Top Coating

Yes

### Image color

Black

### Printing speed (Max.)

200 - 250mm/s

## PROPERTIES

## METHOD

## VALUE

### Basis Weight

ISO 536

75 ± 5g/m<sup>2</sup>

### Caliper

ISO 534

80 ± 8µ

## REGULATORY APPROVAL

### FSC

Yes

## ADHESIVE

ScandStick Permanent 50N has excellent initial tack with high bond strength at elevated, room and chilled temperatures, as well as in moist conditions. It has been formulated to adhere to a wide variety of substrates, including corrugated cardboard, low surface energy materials like polyethylene and non-polar surfaces. SSP 50N provides enhanced conversion characteristics, allowing die-cutting at higher speeds and is designed for both paper and synthetic face materials. Limitation: Not suitable for labelling plasticised PVC.

General purpose chill permanent

### Type

Permanent

### Min. Application Temperature

-5°C

### Min. Service Temperature

-40°C

### Max. Service Temperature

70°C

## REGULATORY APPROVAL

### Direct Food

Yes

### Indirect Food

Yes

### Food contact

Meets composition requirement of indirect food additives regulation FDA175.105, BfR XIV.

ISEGA approved for direct contact with  
dry and moist non-fatty foods  
Yes

**BACKING**

HG0 honey glassine backing allows high speed conversion and consistent dispensing on a wide range of equipment.

**Type**  
Paper

DESCRIPTION	METHOD	VALUE
Caliper	ISO 534	49 ± 3µ
Transparency	ISO 2469	50%

**FINAL PRODUCT**

DESCRIPTION	VALUE
Typical Caliper	194 ± 19µ

**Format**  
Roll

**Certificate**  
The product is registered to SAI-COC-010567 FSC™ Mix credit.

**Regulations**  
Food Packaging Applications: The adhesive raw materials are listed under European/US food packaging regulations (BgVV XIV or FDA 21 175.105) and are safe for use in limited contact with foodstuffs. Toy and Packaging Regulations: The materials used have been tested and comply with the current heavy metals regulations EN71-3 Safety of Toys and the UK Packaging (Essential Requirements) Regulations 1998.

**Material Shelf Life**  
12 months stored at 20°C/50% RH

**SKU**  
F300000J0P000

Replaces all previous information.

Last update: 01/05/2024

1. All information, recommendations and descriptions of our Products are based on research, tests and data believed to be reliable and as such they must be considered as a guide and not as a guarantee nor a warranty. 2. Tests must be conducted by the customer to determine suitability of the products for their purposes and/or ambient, in any application and condition. 3. This document is valid only as information and can be revised without notice. For values and other technical product specifications, contact our Sales or Technical Department.

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