



# FSC ScandTherm NTC

## SSP 50N

### HG0

Scandtherm NTC is a white, woodfree paper, with black imaging thermosensitive coating . It is designed for short term use in relatively clean and dry environments, where there are no requirements for surface protection against contaminants or scuffing. It can be printed with all commonly used technologies for roll converting, including water and uv-based flexo, uv letterpress et.c., if inks and varnishes designed for direct thermal paper is used. We recommend customers to assess both pre-print and thermal print characteristics under end-use conditions before proceeding to long runs. This thermal paper has a standard/high sensitivity, making it suitable for print speeds up to 250 mm/s, depending on printer settings. This product does not contain Bisphenol A.

#### Face Material Properties

Grammage	68 ± 5 g/m <sup>2</sup>	ISO 536
Caliper	75 ± 5 microns	ISO 534

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#### Adhesive

**SSP 50N** General purpose, strong permanent adhesive with good chill characteristics.

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.

Composition	rubber based hotmelt
Minimum Application Temperature	-5 °C
Service Temperature	-40 to 70 °C
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.

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#### Backing

HG 0 honey glassine backing allows high speed conversion and consistent dispensing on a wide range of equipment.

Caliper	49 ± 3 microns	ISO 534
Transparency	50 %	ISO 2469

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#### Laminate

Laminate Shelf Life	12 months stored at 20°C/50% RH
Typical Laminate Caliper	132 microns ± 10%

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.

**FSC ScandTherm NTC SSP50N HG0**

Revision: 200319 - F205000J0N000 Replaces all previous information  
The product is registered to SCS-COC-004802 FSC™ Mix credit.

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## Self Adhesive Roll Products

ScandStick AB Box 25 S-263 21 Höganäs Sweden Tel +4642250050 Fax +4642250090 The values indicated in this leaflet are not intended to be a specification but a guide to the values that may generally be expected. Customers should independently determine, prior to use, the suitability of any material for a specific purpose. All information is subject to change without