



# ScandTherm NTC SSP 50AF HG0

ScandTherm NTC is a woodfree label paper coated with thermosensitive dyes which turn black when heated. Designed for non-hostile environments and low risk conditions where there is no requirement for surface protection against contaminants or scuffing, ScandTherm NTC should be used only in relatively clean, dry environments for short term labelling applications.

ScandTherm NTC can be printed using water based and UV inks, designed for use with direct thermal label papers, but it is not varnishable.

This thermal paper has a standard sensitivity making it suitable for print speeds up to 200-250mm per second depending on printer settings, or to enable the thermal head temperatures to be reduced to improve the longevity of the print head.

It is recommended that customers assess both the pre-print and the overprint characteristics under end use conditions before proceeding to long runs.

## Face Material Properties

Grammage	72 ± 5 g/m <sup>2</sup>	ISO 536
Caliper	80 ± 5 microns	ISO 534

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## Adhesive

**SSP 50AF** An all-round performance, general purpose permanent adhesive with freezer characteristics

ScandStick Permanent 50AF has excellent initial tack with high bond strength at elevated, room and deep freeze temperatures.

SSP 50AF has been formulated to adhere to a wide variety of substrates including carton and low surface energy materials such as polyethylene and anti-fog coated films.

SSP 50AF has been specifically designed to give excellent performance where condensation bloom is present. SSP50AF provides outstanding conversion characteristics and is suitable both for paper and synthetic face materials.

Note: Not advised for labelling highly plasticised materials, eg: flexible PVC.

Composition	rubber based hotmelt
Minimum Application Temperature	-5 °C
Service Temperature	-40 to +70 °C
Food contact	ISEGA certified approved for direct contact with dry and moist non-fatty foods. Complies with FDA175.105, BfG XIV.

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## Backing

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

Caliper	51 ± 4 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	149 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.

## Self Adhesive Roll Products

ScandStick AB Box 22103 25023 Helsingborg 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 notice.