



ScandTherm TCS SSP 50N HG0

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 200mm 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..

Face Material Properties

Basis weight	75 ± 5 g/m ²	ISO 536
Caliper	80 ± 8 microns	ISO 534

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.

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

Laminate

Laminate Shelf Life	12 months stored at 20°C/50% RH
Typical Laminate Caliper	137 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.

ScandTherm TCS SSP50N HG0
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Replaces all previous information

page 1 of 1

Self Adhesive Roll Products

ScandStick AB Box 25, SE-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 notice.