



ScandTherm TCS HS SSP 50AF HG0

ScandTherm TC HS 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 TC HS can be printed by water based and UV inks and varnishes designed for use with direct thermal papers.

This thermal paper has a high sensitivity making it suitable for print speeds up to 300 mm 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	77 ± 5 g/m ²	ISO 536
Caliper	82 ± 8 microns	ISO 534

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	-10 °C
Service Temperature	-40 to +70 °C
Food contact	Meets composition requirement of indirect food additives regulation FDA 21-CRF 175.105

Backing

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

Caliper	54 ± 4 microns	ISO 534
Transparency	50 %	ISO 2469

Laminate

Laminate Shelf Life	12 months stored at 20°C/50% RH
Typical Laminate Caliper	154 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.

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Replaces all previous information

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.