



# ScandTherm TCS SSF 933 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 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..

## Face Material Properties

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

## Adhesive

**SSF933** A special purpose deepfreeze rubber based adhesive

SSF933 has excellent initial tack and adhesion on a wide variety of substrates, including apolar, slightly rough and curved substrates.

SSF933 is specially designed for use at low temperature and freezer conditions. For applications on cardboard in temperatures warmer than 0 °C we recommend the SSP50AF or the SSP713

Composition	rubber based hot melt
Minimum Application Temperature	-20 °C
Service Temperature	-40 to +50 °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	49 ± 3 microns	ISO 534
Transparency	50 %	ISO 2469

## Laminate

Laminate Shelf Life	12 months stored at 20°C/50% RH
Typical Laminate Caliper	139 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 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