

# FSC ScandTherm TCS SSF 933 HG0



## Description

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.

### Facestock

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..

#### Type

Paper

#### Top Coating

Yes

#### Image color

Black

#### Printing speed (Max.)

200 mm/s

Properties	Method	Value
Basis Weight	ISO 536	75 ± 5g/m²
Caliper	ISO 534	80 ± 8µ

### Regulatory Approval

#### FSC

Yes

### 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 SSP 50N or the SSP 713.

Deep freeze permanent

Type	Composition	Composition
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Permanent	Hot Melt	SSF 933
<b>Min. Application Temperature</b> -20°C	<b>Min. Service Temperature</b> -40°C	<b>Max. Service Temperature</b> 50°C
<b>Properties</b>	<b>Method</b>	<b>Value</b>
<b>Peel</b>	FTM 1 (20 min)	5,5N
<b>Tack</b>	FTM 9	12N
<b>Regulatory Approval</b>  <b>Food contact</b> Meets composition requirement of in-direct food additives regulation FDA 21-CRF 175.105		

<b>Backing</b> HG0 honey glassine backing allows high speed conversion and consistent dispensing on a wide range of equipment.		
<b>Type</b> Paper		
<b>Description</b>	<b>Method</b>	<b>Value</b>
<b>Caliper</b>	ISO 534	49 ± 3μ
<b>Transparency</b>	ISO 2469	0.5

<b>Final product</b>		
<b>Description</b>	<b>Value</b>	
<b>Typical Caliper</b>	139 ± 10%	
<b>Min. Application Temperature</b> -20°C	<b>Min. Service Temperature</b> -40°C	<b>Max. Service Temperature</b> 50°C
<b>Format</b> Roll		
<b>Certificate</b> The product is registered to SCS-COC-004802 FSC™ Mix credit.		
<b>Material Shelf Life</b> 12 months stored at 20°C/50% RH		

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