

FSC ScandTherm TCS SSP E60 WG0



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

ScandStick SSP E60 is a highly versatile permanent adhesive which will adhere to a wide variety of surfaces, both at room temperature and under chill conditions. SSP E60 has been designed to resist edge lift on narrow radius tubes and curved surfaces. SSP E60 has excellent conversion characteristics ensuring consistent waste stripping and label dispensing. It is also suitable for on-press delamination to allow printing on the adhesive surface or tack neutralisation. Although SSP E60 will tolerate some surface condensation, excessive amount of moisture present will reduce the adhesion.

General purpose permanent

Type

Permanent

Min. Application Temperature

5°C

Min. Service Temperature

-20°C

Max. Service Temperature

100°C

PROPERTIES

METHOD

VALUE

Peel

FTM 1 (20 min)

13N

Tack

FTM 9

14N

REGULATORY APPROVAL

Direct Food
Yes

Indirect Food
Yes

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
Yes

BACKING

WG0 White glassine backing allows high speed conversion and consistent dispensing on a wide range of equipment

Type
Paper

DESCRIPTION

METHOD

VALUE

Basis Weight

ISO 536

60 ± 3g/m²

Caliper

ISO 534

53 ± 3μ

Transparency

ISO 2469

49%

FINAL PRODUCT

DESCRIPTION

VALUE

Typical Caliper

137 ± 14μ

Format
Roll

Certificate

The product is registered to SAI-COC-010567 FSC™ Mix credit.

Regulations

Food Packaging Applications: The adhesive raw materials are listed under European/US food packaging regulations (BggV 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.

Material Shelf Life

24 months stored at 20°C/50% RH

SKU

FB300001I0N000

Replaces all previous information.

Last update: 01/05/2024

1. All information, recommendations and descriptions of our Products are based on research, tests and data believed to be reliable and as such they must be considered as a guide and not as a guarantee nor a warranty. 2. Tests must be conducted by the customer to determine suitability of the products for their purposes and/or ambient, in any application and condition. 3. This document is valid only as information and can be revised without notice. For values and other technical product specifications, contact our Sales or Technical Department.

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