

## ScandTherm TCS HS Film SSP E60 HG0

### FACESTOCK

Scandtherm HS Film 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. - The backside of the paper has been re-inforced with an OPP film, for extra rigidity and protection against - external influences. - Scandtherm HS Film 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.

#### Type

Paper

#### Top Coating

Yes

#### Image color

Black

#### Printing speed (Max.)

300mm/s

#### PROPERTIES

#### METHOD

#### VALUE

#### Basis Weight

ISO 536

91 ± 5g/m<sup>2</sup>

#### Caliper

ISO 534

91 ± 8μ

### 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

HG0 honey glassine backing allows high speed conversion and consistent dispensing on a wide range of equipment.

**Type**  
Paper

DESCRIPTION	METHOD	VALUE
Caliper	ISO 534	49 ± 3μ
Transparency	ISO 2469	50%

## FINAL PRODUCT

DESCRIPTION	VALUE
Typical Caliper	155 ± 15μ

**Format**  
Roll

### Regulations

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.

### Material Shelf Life

24 months stored at 20°C/50% RH

### SKU

B305000I0T001

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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