

## ScandSynTherm SSP E60 HG0

### FACESTOCK

ScandSynTherm is a top coated, smudgeproof, chemi-thermal PP-film. – ScandSynTherm can be printed by water/solvent based, UV inks and varnishes. – This thermal product has a standard sensitivity making it suitable for print speeds up to 150mm 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 has a slight tendency to discolour, but this does not affect the scannability of the barcodes.

#### Type

Film

#### Printing speed (Max.)

150mm/s

#### PROPERTIES

#### METHOD

#### VALUE

#### Basis Weight

ISO 536

80 ± 3g/m<sup>2</sup>

#### Caliper

ISO 534

99 ± 3μ

### 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	157 ± 16µ

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**  
B355100I0N000

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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