

## ScandTherm TCS SSR E70N HG0

### 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 - 250mm/s

#### PROPERTIES

#### METHOD

#### VALUE

#### Basis Weight

ISO 536

75 ± 5g/m<sup>2</sup>

#### Caliper

ISO 534

80 ± 8μ

### ADHESIVE

SSR E70N has very good short-term removability from a wide range of surfaces with a good adhesion to low surface energy materials.

Limitation: Not suitable for labelling PET and PVC.

Short term removable

#### Type

Removable

#### Min. Application Temperature

-5°C

#### Min. Service Temperature

-20°C

#### Max. Service Temperature

60°C

#### PROPERTIES

#### METHOD

#### VALUE

#### Peel

FTM 1 (20 min)

6,5N

#### Tack

FTM 9

4,5N

### REGULATORY APPROVAL

#### Food contact

Meets composition requirement of indirect food additives regulation FDA 21-CFR 175-105, 176-180, 177-1010 moist non-fatty foods. Complies with FDA175.105, Bfr XIV

#### ISEGA approved for direct contact with dry and moist non-fatty foods

No

### 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 | 138 ± 14µ |

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**  
12 months stored at 20°C/50% RH

**SKU**  
B300000V0N000

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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