

FSC ScandTherm NTC P-F SSP 50N HG6



FACESTOCK

Scandtherm NTC P-F is a Phenol Free, woodfree label paper coated with thermosensitive dyes which turn black - when heated. - Designed for non-hostile environments and low risk conditions where there is no requirement for surface - protection against contaminants or scuffing. ScandTherm NTC P-F should be used only in relatively clean, dry - environments for short term labelling applications. - ScandTherm NTC P-F can be printed using water based and UV inks, designed for use with direct thermal label - papers, but it is not varnishable. - This thermal paper has a standard sensitivity making it suitable for print speeds up to 200-250mm per second - depending on printer settings, or to enable the thermal head temperatures to be reduced to improve the - longevity of the print head. - 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

Printing speed (Max.)

200 - 250mm/s

PROPERTIES

METHOD

VALUE

Basis Weight

ISO 536

68 ± 5g/m²

Caliper

ISO 534

74 ± 5μ

REGULATORY APPROVAL

FSC

Yes

ADHESIVE

ScandStick Permanent 50N has excellent initial tack with high bond strength at elevated, room and chilled temperatures, as well as in moist conditions. It has been formulated to adhere to a wide variety of substrates, including corrugated cardboard, low surface energy materials like polyethylene and non-polar surfaces. SSP 50N provides enhanced conversion characteristics, allowing die-cutting at higher speeds and is designed for both paper and synthetic face materials. Limitation: Not suitable for labelling plasticised PVC.

General purpose chill permanent

Type

Permanent

Min. Application Temperature

-5°C

Min. Service Temperature

-40°C

Max. Service Temperature

70°C

PROPERTIES

METHOD

VALUE

Peel

FTM 1 (20 min)

19N

Tack

FTM 9

18N

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

HG6 honey glassine backing allows high speed conversion and consistent dispensing on a wide range of - equipment.

Type
Paper

DESCRIPTION	METHOD	VALUE
Basis Weight	ISO 536	45 ± 3g/m ²
Caliper	ISO 534	41 ± 3μ
Transparency	ISO 2469	57%

FINAL PRODUCT

DESCRIPTION	VALUE
Typical Caliper	123 ± 12μ

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 (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
F209045J0N000

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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