

FSC ScandTherm NTC P-F SSP E60 HG0



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 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**

132 ± 13μ

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

FB209000I0N000

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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