

653007204
ECO THERMAL (BPA FREE) -H400- SMP_D

Face	A white, non-topcoated paper that is coated with black imaging thermosensitive coating. This paper has limited resistance to thermal image scratching or smudging with normal stability against oil, alcohol and environmental influences such as heat, humidity and light. The image may fade over a period of time if exposed to high humidity and light. This paper is BPA-free.
Adhesive	Rubber based hotmelt, permanent adhesive for general use. Excellent adhesive performance on a wide variety of substrates including apolar, slightly rough and curved substrates. Particularly good performance at lower temperatures, we recommend to check suitability prior to use. Excellent performance during slitting, high speed matrix-stripping and automatic labelling.
Liner	Yellow, supercalandered siliconised glassine paper. Specially designed for high speed conversion, punching and perforation. Transparency allows its use in automatic dispensing system.

Face	Method	Unit	Target	
Basis Weight	ISO 536	g/m ²	70 ± 5	
Thickness	ISO 534	µm	74 ± 5	
Adhesive				
Peel adhesion 90°	FTM 2 st.st	N/m	min.240	(min. 6 N/25mm)
Loop Tack	FTM 9 glass	N/m	Min.480	(min. 12 N/25mm)
Min. appl temperature		°C	0	
Service temperature		°C	-30 / +70	
Liner				
Basis Weight	ISO 536	g/m ²	45 ± 2	
Thickness	ISO 534	µm	47 ± 3	
Laminate				
Thickness	ISO 534	µm	130 ± 5	

Application and use

Typical applications are information labelling such as price and weigh marking in stores (e.g. fruit, vegetable, deli), other retail use as well as any applications where short life or low contamination is common. (like retail and logistics labels for address, warehouse). We recommend to avoid its contact with plasticizers (PVC) and fat.

Conversion and Printing

Suitable for water based flexo printing. We recommend to check suitability for other printing methods. This product is designed for use in thermal printing system at printing speeds up to 10 inch /250 mm per sec (based on printer's set up).

Packaging

The rolls are sliced according to customer requirements, double sided siliconised papers are put between of rolls. Paperboards are placed at the sides. They are delivered on pallets. Product description labels are fixed on rolls.

Shelf Life and Storage Conditions

One year when stored away from direct sunlight and heat, in a dark, dry place at a temperature of 22 °C ± 2 °C with a relative humidity of 50 %, ± 5%.