

653007501
ECO THERMAL (BPA FREE)-DF710- YG_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	Acrylic based, permanent adhesive suitable for deep freeze applications onto cold and moist surfaces with very good adhesion at low temperature. Not suitable for labelling curved surfaces.
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	75 ± 5	
Adhesive				
Peel adhesion 90°	FTM 2 st.st	N/m	min.220	(min. 5,5 N/25mm)
Loop Tack	FTM 9 glass	N/m	min.400	(min. 10 N/25mm)
Min. appl temperature		°C	-20	
Service temperature		°C	-40 / +70	
Liner				
Basis Weight	ISO 536	g/m ²	56 ± 2	
Thickness	ISO 534	µm	50 ± 3	
Transparency	DIN 53147	%	49	
Laminate				
Thickness	ISO 534	µm	137 ± 5	

Application and use

This product is designed for food labelling at low temperature and deep freeze conditions.

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%.