

653106000 TOP THERMAL RX-H400-WG

Face A white topcoated thermal paper with black imaging thermosensitive coating laminated with PP film. This material has very good resistance to moisture, oil, fat, plasticizers and tear resistance. This paper is BPA-free.

Adhesive General-purpose permanent rubber based hotmelt adhesive. Provides high-bond strength on multiple substrates with enhanced performance also at low temperatures. Features excellent converting properties: ideal for high-speed slitting, matrix-stripping and automated dispensing. Suitability check advised before full-scale use.

Liner White, supercalendered siliconised glassine paper. Specially designed for high speed conversion, punching and perforation. Transparency allows its use in automatic dispensing system.



TOP THERMAL RX	
H400	
WG	

Face	Method	Unit	Target	
Basis Weight	ISO 536	g/m ²	100	
Thickness	ISO 534	µm	105	
Adhesive				
Peel adhesion 90°	FTM 2 st. st	N/m	320	(8 N/25mm)
Loop Tack	FTM 9 glass	N/m	640	(16 N/25mm)
Min. appl. Temperature		°C	0	
Service Temperature		°C	-30 / +60	
Liner				
Basis Weight	ISO 536	g/m ²	58	
Thickness	ISO 534	µm	50	
Transparency	DIN 53147	%	51	
Laminate				
Thickness	ISO 534	µm	165 ± %10	
Slit Rolls				
Width	ISO 534	mm	± 1	
Roll length measurement	ISO 534	m	± %1	

Application and Use

This Direct Thermal solution is designed for use in logistic or warehousing, inventory labeling applications, where limited image durability is required, on cardboard or paper surfaces. Contact with moisture, oil, fats, plasticizers and exposure to strong lighting should be avoided due to potential image fade.

Conversion and Printing

This product has good printability in all classical printing methods. Printing inks should be checked for suitability prior to use. This product is designed for use in thermal printing system at printing speeds up to 8 inch /200 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%.