

ROLL LABEL - COMMODITY

Issue date : 26/04/2010
Date last modification : 03/10/2014**08077 THERMAL TOP HSMN RP3000 YG60****Face Material**

High sensitivity thermal top (protected) paper.

Type	Thermal top paper	
Colour and Finish	White	
Weight	74 g/m ² ±10%	ISO-536
Thickness	76 µ ±10%	ISO 534-80

Adhesive

Rubber based permanent adhesive with high tack and adhesion on difficult and apolar (like PE and PP) substrates. RP3000 adhesive combines the rubber based properties with high speed conversion

Reference	RP3000	
Type	Rubber permanent	
Min. Appl. Temp.	+5°C	
Service Temp.	-30°C / +80°C	
Shear	Very High	
Tack	18 N/25mm	FINAT FTM9
Final Adhesion	8 N/25mm	FINAT FTM2

Liner

Type	One side siliconised Glassine	
Colour and Finish	Yellow	
Weight	60 g/m ² ±10%	ISO 536
Thickness	54 µ ±10%	ISO 534
Transparency	>50 %	DIN 53 147-64

Applications

This material has a temperature-sensitive coating for use on thermal printers up to 250 mm / sec (10 inch / sec). Suitable for bar code printing on weight price labels for food packs (meat, fish, poultry, etc) and other sectors that requires a good printed image resistance. Good stiffness of the material suitable for automatic dispensing. The typical thermal curve of this material makes it suitable for labels on packs heated in microwave ovens, without any alteration of the printing. If the material is used in high humidity conditions or exposed to ultraviolet or fluorescent light the image printed fades.

For labels to be used in high humidity environments with risk of condensation is suggested to use the Thermal Premium Top paper (protected). If the labelled material is applied in high humidity conditions that cause condensation and is in direct contact with the other packs is important to use a suitable varnish that will waterproof the surface and avoid the removal of the coated layer.

Printing Methods

Due to the heat-sensitive material properties it is necessary to avoid any exposure to temperatures exceeding 50°C, which can cause partial loss of the colour brightness or discolouring. Suitable for water based flexo and UV flexo. Testing for suitability between media, printers and inks is always recommended prior to use. Testing for suitability between media, printers and inks is always recommended prior to use.

Shelf life

24 months, applicable only to the material delivered by Ritrama which has not undergone further processing, under the following **STORAGE CONDITIONS**:

- This material must be stored at a temperature of 22°C ± 2°C and 50 ± 5% of Relative Humidity.
- Storage area must be dry and clean.
- Keep the material in the original packaging when not used in order to protect it from dust and contamination.
- Do not expose to direct sunlight or heat sources.

All Ritrama products are subject to strict manufacturing controls to guarantee good quality products. The above information is based on research believed to be reliable, but does not constitute a warranty. All material should be tested by the purchaser to determine suitability of the product for their purposes. All information is subject to change without prior notice.

