

ROLL LABEL - COMMODITY

Issue date : 08/03/2016  
Date last modification : 13/01/2017**4-RL1H-09052 THERMAL ECO HS RP3000 WG60****Face Material**

High sensitivity thermal eco (not protected) paper.

Type	Thermal eco paper	
Colour and Finish	White	
Weight	74 g/m <sup>2</sup> ±10%	ISO-536
Thickness	80 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

This adhesive is approved by ISEGA (Direct contact dry & moist, non fatty foodstuffs) according to the German Recommendations XIV.

**Liner**

Type	One side siliconised Glassine	
Colour and Finish	White	
Weight	60 g/m <sup>2</sup> ±10%	PP-032 - ISO 536
Thickness	54 µ ±10%	ISO 534
Transparency	> 45 %	DIN 53 147-64

**Applications**

This material has a temperature-sensitive coating for thermal printers up to 250 mm/sec (10 inch/sec). Suitable for bar code printing on weight price labels and other variable information. Ideal for dry not contaminated environments generally for short life applications. Good stiffness of the material suitable for automatic dispensing. 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.

