

ROLL LABEL - COMMODITY

Issue date : 04/10/2016  
Date last modification : 09/12/2016**4-RL1H-09290 THERMAL ECO CASH ROLL RP3000 YG50 FSC® CERTIFIED****Face Material**

Standard sensitivity thermal eco (not protected) paper.  
FSC® certified.

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	RP 3000	
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	50 g/m <sup>2</sup> ±10%	PP-032 - ISO 536
Thickness	45 µ ±10%	ISO 534
Transparency	>52 %	DIN 53 147-64

**Applications**

This material has a temperature-sensitive coating for thermal printers up to 250 mm / sec (10 inch / sec). Low resistance to scratches. Suitable for bar codes and labels printed on weight price labels and as well other sectors of the retail. It is ideal to be used in dry not contaminated conditions, generally for short life applications. If the material is used in high humidity environments or exposed to ultraviolet or fluorescent light, the image printed fades. Low thickness liner ideal for weights and portable printers.

**Printing Methods**

Due to the heat-sensitive material properties, it is necessary to avoid any exposure to temperatures exceeding 50°C, which can cause a 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.

**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.

