

ROLL LABEL - Direct Thermal Printable Papers &amp; Films

Issue date : 08/01/2008  
Date last modification : 16/05/2019**4-RL1H-05569 THERMAL PREMIUM TOP HS RP1001 YG60****Face Material**

High sensitivity bisphenol free thermal top (protected) paper.

Type	Thermal top paper	
Colour and Finish	White	
Weight	76 g/m <sup>2</sup> ±10%	ISO-536
Thickness	83 μ ±10%	ISO 534-80

**Adhesive**

Rubber based permanent adhesive with high tack and adhesion on difficult and apolar (like PE and PP) substrates.

Reference	RP1001	
Type	Rubber permanent	
Min. Appl. Temp.	0°C	
Service Temp.	-10°C/+70°C	
Shear	Very High	
Tack	16 N/25mm	FINAT FTM9
Final Adhesion	9 N/25mm	FINAT FTM2

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

**Liner**

Type	One side siliconised Glassine	
Colour and Finish	Yellow	
Weight	58 g/m <sup>2</sup> ±10%	PP-032 - ISO 536
Thickness	51 μ ±10%	ISO 534
Transparency	>45 %	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 where is requested a high quality printing, also with oil, grease and humidity conditions. Ideal for food packs to store in refrigerators. It performs a high abrasion resistance. Good stiffness of the material suitable for automatic dispensing. If the material is exposed to ultraviolet or fluorescent light the image printed fades. BISPHENOL FREE.

**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.

