

ROLL LABEL - Direct Thermal Printable Papers & Films

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4-RL1H-05070 THERMAL PP 90 WHITE RP1002 WG62

Face Material

High sensitivity bisphenol free Thermal top (protected) white polypropylene.

Type	Thermal top polypropylene	
Colour and Finish	White	
Weight	74 g/m ² ±10%	ISO-536
Thickness	90 µ ±10%	ISO 534-80

Adhesive

Rubber based permanent adhesive featuring low temperature application, with medium tack and initial/final adhesion, for application on many different surfaces, included the apolar ones (PP, PE).

Reference	RP1002	
Type	Rubber permanent	
Min. Appl. Temp.	- 15 °C	
Service Temp.	-30°C/+70°C	
Shear	Medium	
Tack	12 N/25mm	FINAT FTM9
Final Adhesion	9 N/25mm	FINAT FTM2

This adhesive is in compliance with BGV XXI norm and may stand in direct contact with dry and moist, non-fatty foodstuffs. It complies also with EN 71/3, Rohs - WEEE - heavy metal / restricted substances.

Liner

Type	One side siliconised Glassine	
Colour and Finish	White	
Weight	62 g/m ² ±10%	PP-032 - ISO 536
Thickness	54 µ ±10%	ISO 534
Transparency	>45 %	DIN 53 147-64

Applications

For informative luggage tags, outdoor labels and other applications that require high resistance labels. 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), where a good resistance of the printed image is requested and for not prolonged exposure to oil and grease. 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. BISPHENOL FREE.

Printing Methods

For black thermal transfer printing with high sensitivity. 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. Testing for suitability between media, printers and inks is always recommended prior to use.

Shelf life

6 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.

