

**ROLL LABEL** - COMMODITY

 Issue date : 29/09/2016  
 Date last modification : 18/10/2018

**4-RL1H-09300 THERMAL TOP HS RP1001 YG60 FSC® CERTIFIED**
**Face Material**

Woodfree paper with a temperature sensitive coating with high resistance to humidity, grease, oil, alcohol and so on. For direct thermal printing in black, with high sensitivity. FSC® certified.

Type	Thermal Top paper (protected)	
Colour and Finish	White	
Weight	76 g/m <sup>2</sup> ±10%	ISO-536
Thickness	82 µ ±10%	ISO 534

**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.	-20°C / +70°C	
Shear	Very High	
Tack	17 N/25mm	FINAT FTM9
Final Adhesion	10 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	Yellow	
Weight	57 g/m <sup>2</sup> ±10%	PP-032 - ISO 536
Thickness	51 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 200 mm / sec ( 8 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. If the material is used in high humidity conditions or exposed to UV 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. BISPHENOL FREE.

**Printing Methods**

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 traditional printing systems. 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.

