

Thermal Top PF FSC

Permanent

Face material

Label material	Thermo Top PF FSC permanent
Raw material	1902065
Product	Premium sensitivity top coated and back barrier thermal paper, produced without phenols. Good resistance to moisture, oil and fat. Facestock is FSC™ certified (FSC Mix ICILA-COC-000382). FSC certification ensures that products are made from responsibly managed forests.

Typical technical values

Grammage	72	g/m ²	ISO 536
Thickness	72	µm	ISO 534
Brightness	87	%	ISO 2470
Dry opacity	85	%	ISO 2471
Max. printing speed	200	mm/sec.	
Image density	1,2		

Adhesive

Adhesive	Permanent
Type	Permanent modified acrylic adhesive in water emulsion. Special adhesive designed for the production of "all-temperature" pressure sensitive adhesive for paper labels which require a broad application temperature. Paper laminated with this type of adhesive possess a higher adhesion to cold and moist polyethylene surfaces.
General characteristics	The research center ISEGA has given the adhesive approval according to the European requirements for direct contact with dry, moist, non and such kind of fatty foodstuffs to which a reduction factor of at least 4 can be applied according to the Regulation EU Nr. 10/2011. However, the direct application of coated label on meat is not intended. Approved for UNI-EN 71/3 "toys security" norms and conformed to the FDA, 21 CFR Ch.I (April 1, 2013 edition) 175.105.

Typical technical values

Tack	11	N/25mm	FTM 9 (glass)
Cohesion (h)	> 2	1 kg	FTM 8
Labelling temperature	+5	°C	
Usage temperature	-20° to +80° C		

Backing paper

Backing Product YG60
Supercalandered glassine paper, colour: honey. There may be slight variations in tone. Backing paper designed for automatic label generation. Ideal for photocells dispensing system.

Typical technical values

Grammage	56	g/m ²	ISO 536
Thickness	49	µm	ISO 534
Transparency	48	%	ISO 2469
Tensile strength MD	> 5	kN/m	ISO 1924
Tensile strength CD	> 2	kN/m	ISO 1924

Use & application

Thermal labels where resistance to oil, fats and moisture is required.

Shelf life

12 Monate under storage conditions as defined by FINAT section 2.5 (20-25° C, 40-50% RH). Prolonged storage at higher temperatures and / or humidity levels will shorten the shelf life of the product.

Disclaimer

The performance of the product should always be tested in the actual application conditions. Our recommendations are based on our most current knowledge and experience. As our products are used in conditions beyond our control, we cannot assume any liability for damage caused through their use. Users of our products are solely responsible that the product is suitable for its intended application, and have determined such at their sole discretion. Users must comply with any applicable legislation and/or testing requirements for the finished article, and are responsible for bringing their products to market.

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This publication replaces all previous versions. All information is subject to change without notice.



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