



# PERGAMENATA TP

## description

Natural pure cellulose papers and boards, cloudy like the ancient natural parchments, perlescent colour. Transparency enhancers are not used. Available in four colours. Substance 235 is off-machine laminated with natural starches.

## range

size      grain      substance  
70x100    LG      115 235

## technical features

standard/instrument  
unit of measure

substance	VSA	smoothness	breaking length	
ISO 536	ISO 534	ISO 8791-2	ISO 1924	
g/m <sup>2</sup>	cm <sup>3</sup> /g	ml/min	m	
			long±10%	cross±10%
115 ± 3%	0,90	450 ± 50	10000	4300
235 ± 5%	0,90	450 ± 50	8500	4200

Relative Humidity 50% ± 5

## ecological features



ELEMENTAL  
CHLORINE  
FREE  
GUARANTEED



## notes

The product is completely natural for the pulp and for the manufacturing process, and hence it is biodegradable and recyclable. The special superficial treatment has the purpose of improving the features of printing chromatic performance, eventual opacity fluctuations are considered as typical of the product.

Special runs available upon request.



Envelopes available on stock.

The Company reserves the right to modify the technological features of the product in relation to market requirements.



Pergamenata TP is a de luxe cloudy paper obtained with a specific and extended fibre refining process in special “Beater” refiners and a particular running of paper machine. It is ideal for de luxe publications, art printings, prestigious certificates, wherever the need is to show a technical emphasis, a modern style and futuristic design.

applications

Can be used without problems with the main printing systems: letterpress, offset, blind embossing, hot foil stamping, thermography and screen printing.

printing suggestions

The product is highly sensitive to hygrometric and temperature variations. We recommend to pay attention in air-conditioning before use and during the manufacturing stages. The surface is well sealed and therefore it is recommended to use inks for plastics. The printing pressure setting must be adequate to this media (on the average higher than a normal uncoated paper). We suggest a buffered pH 5÷5.5 with 800÷1200  $\mu$ S conductivity. It may be appropriate to add small quantities of additives to the fountain solution and/or in the ink to accelerate the ink polymerisation process. Anti-setoff spray powder is useful and low output stacks are necessary; we advise against the use of varnish online if used to avoid setoff. Drying times depend on the quantity of ink and process variables and may vary from 8-10 hours to more than 24 hours. In this regard, good results are obtained with UCR and GCR grading to reduce the mass of ink deposited on the paper. In screen-printing, and even hot foil stamping, we recommend inks/foils for plastic.

In thermographic process we recommend to set oven temperatures at minimum levels.

Varnishing and plastic laminating must be assessed in advance.

converting suggestions

The surface roughness typical of uncoated papers may give rise to micro defects with plastic laminating caused by incomplete adhesion of the film to the substrate.

The paper is very close-grained, it has low compressibility: in the guillotine trimming, and in folding too, we suggest to employ used blades in order to prevent cutting edge thread.

Check carefully the scoring, because the paper, once folded, becomes fragile.

Also the binding and the glueing are feasible, still we suggest to do tests to avoid curling problems or other inconveniences.