

# FEDRIGONI

## PAPER

# NETTUNO

Uncoated papers and boards, certify FSC®, made with E.C.F. pulp. Felt marked on both sides, pulp-dyed with light-fast colours. Available in sixteen colours.

### DESCRIPTION

SIZE	GRAIN	SUBSTANCE
72X101	LG	100 140 215 280 360

### RANGE

SUBSTANCE	VSA	TABER STIFFNESS 15°		TENSILE STRENGTH	
ISO 536	ISO 534	ISO 2493		ISO 1924	
g/m <sup>2</sup>	cm <sup>3</sup> /g	mN		kN/m	
		long ± 10%	cross ± 10%	long ± 10%	cross ± 10%
100 ± 3%	1,5	10	4	5,9	3,9
140 ± 3%	1,5	18	8	8,5	4,5
215 ± 4%	1,5	110	40	12,4	5,9
280 ± 5%	1,5	240	90	16,3	7,8
360 ± 5%	1,5	460	180	-	-

### TECHNICAL FEATURES

ref. standard/instrument  
unit of measure

Brightness (col. Bianco Artico) - ISO 2470 (R457)  
-100% ± 2  
Relative Humidity 50% ± 5  
ref. TAPPI 502-98



The product is completely biodegradable and recyclable.  
Special runs available upon request.

### ECOLOGICAL FEATURES

### NOTES

# NETTUNO

Nettuno papers and boards are ideal for any kind of publishing, packaging and commercial printing. They are held in high regard in converting systems for packaging and shoppers, special publications, brochures, booklets and coordinated graphic materials.

## APPLICATIONS

Can be used without problems with the main printing systems: letterpress, offset, blind embossing, hot foil stamping, thermography and screen printing. The macro-porous surface suggests the use of oxidative drying inks. For hot foil stamping reproductions, only for Black colour, in specific hygrometric conditions, or using unsuitable foils it can arise problems like oxidation or speckled printing, especially using colors like Golden, Silver or Metallic. It is recommended the consultation with your foil providers. In order to give total solution to this problem it is necessary to isolate the film for hot stamping printing from the paper: it can be done either with a plastic coated surface, a double hot stamping printing (making sure to use a white or transparent film before the printing metal band), or with a printing water-based or solvent varnish.

## PRINTING SUGGESTIONS

Varnishing and plastic laminating must be assessed in advance. The varnishing coated with an offset machine is almost fully absorbed and therefore does not improve gloss or protection. Screen-printing varnishing achieves better results, although it is often necessary to perform two shots to achieve a distinctly evident result. The surface roughness typical of felt marked papers may give rise to micro defects with plastic laminating caused by incomplete adhesion of the film to the substrate. Good results with major processing operations such as: cutting, die-cutting, scoring, folding and glueing.

## CONVERTING SUGGESTIONS

