FEDRIGONI
PAPER

CENTURY COTTON WOVE

DESCRIPTION

Premium Quality uncoated papers and boards, certify FSC, with a velvety surface. Made up of 75% e.c.f. pulp and 25% cotton fiber. Colours Premium White. Both substances 90 gsm and 100 gsm in size 45x64 are produced in “Litholaser” version, therefore suitable for offset pre-printing and subsequent printing on toner-based laser printers. Available with and without cut-to-register watermark.

RANGE

SIZE	GRAIN	SUBSTANCE
45X64	LG	90 100 (WITH CUT-TO-REGISTER WATERMARK)
72X101	LG	120 220 280 350

TECHNICAL FEATURES

Ref. standard/instrument unit of measure

SUBSTANCE	VSA	OPACITY	TABER STIFFNESS 15°		TENSILE STRENGTH	
ISO 536	ISO 534	ISO 2471	ISO 2493		ISO 1924	
g/m²	cm³/g	%	mN		kN/m	
			long ± 10%	cross ± 10%	long ± 10%	cross ± 10%
90 ± 3%	1,25	85 ± 2	5	3	5,9	3,2
100 ± 3%	1,25	87 ± 2	20	8	7,2	4,5
120 ± 3%	1,25	90 ± 2	50	20	9,1	5,2
220 ± 4%	1,3	-	100	40	13	6,5
280 ± 5%	1,3	-	200	80	15	7,2
350 ± 5%	1,3	-	350	150	-	-

Brightness (col. Premium White) - ISO 2470 (R457) - 107% ± 2
Bendtsen Roughness ISO 8791/2 (ml/min) 230 ± 20
Relative Humidity 50% ± 5 ref. TAPPI 502-98

WATERMARK

ECOLOGICAL FEATURES

MIX Paper from responsible sources FSC® C015523 · COTTON CONTENT · ELEMENTAL CHLORINE FREE GUARANTEED · ACID FREE · LONG LIFE ISO 9706 · HEAVY METAL ABSENCE CE 94/62

NOTES

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

Envelopes available on stock.

UNI EN ISO 9001:2015 - CQ 539
UNI EN ISO 14001:2015 - CQ 7847
UNI EN ISO 45001:2018 - CQ 26471

PRODUCT DATA SHEET
CEN/1E3
Update 03/2016
Rev. n° 06

CENTURY COTTON WOVE

APPLICATIONS

Century Cotton Wove is ideal for writing papers, corporate and social image, monographs, de luxe publications and packaging, tags, menus, greeting cards and announcements, advertising works.

PRINTING SUGGESTIONS

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. Low substances can also be used with non-impact printing systems: electro-photographic systems, laser and ink-jet printers. The 100 gr version in 45x64 size is specifically designed to ensure optimal performances where offset pre-printing has been followed by printing with xerographic toner/technology systems (LITHOLASER).

CONVERTING 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 uncoated 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.