FEDRIGONI
SPECIAL PAPERS

COTONE 100

COTONE 100 is a premium range crafted with 100% cotton linters, offering a luxurious feel and exceptional quality. It is available in three elegant shades: Premium White, Ivory, and Black (the latter exclusively in 350 gsm). The 500 gsm grammage is offline laminated. The cotton fibers ensure high stability over time, making the product ideal for projects that need to endure and retain their beauty. COTONE 100 is the perfect choice for those who want to create a unique and sophisticated project.

SIZE	GRAIN	GRAMMAGES
70X100	LG	120 250 350 500

RANGE

GRAMMAGE	BULK	ROUGHNESS	TABER STIFENESS 15°		OPACITY
ISO 536	ISO 534	ISO 8791-2	ISO 2493		ISO 2471
g/m²	cm³/g	ml/min	mNm		
			long ± 10%	cross ± 10%	
120 ± 4%	1,6	1200 ± 300	2,9	2	92 ± 2
250 ± 5%	1,5	1400 ± 350	28	15	98 ± 2
350 ± 5%	1,6	1400 ± 350	65	45	-
500 ± 5%	1,4	1400 ± 350	100	70	-

TECHNICAL
FEATURES
ref. standard/instrument
unit of measure

Brightness (col. Premium White) - ISO 2470 (R457) - 97,5% ± 2

CIE Whitness (Prem. White) ISO 11476: 142 % ± 5

Absolute Humidity ISO 287 6,8 % ± 1

ECOLOGICAL
FEATURES

COTTON
CONTENT

Special makings available upon request.

NOTES

COTONE 100

Perfect for art prints, invitations, coordinated sets, menus, and high-end brochures, COTONE 100 range adds a touch of class and elegance.

APPLICATIONS

It is compatible with major printing systems such as screen printing, traditional offset, and UV printing, but its best performance is achieved with dry embossing and hot foil stamping, even for very fine details. The cotton linters possess physical and mechanical properties that ensure high saturation and uniformity in the pulp-dyed versions. The macroporous surface requires the use of oxidative drying inks. Due to its characteristic surface roughness, specific pressure settings are recommended during printing.

PRINTING SUGGESTIONS

Better results are achieved with screen-printing coating, although two passes are often necessary to achieve an optimal result. Laminating is not recommended. Pay attention to the surface of Black color: if scratched or rubbed against another white surface can release traces of black pigment. Good results in the main packaging processes: cutting, die-cutting, creasing, folding and gluing.

CONVERTING SUGGESTIONS