



# FREELIFE VELLUM

**description** High quality uncoated recycled papers and boards made up of 80% selected recycled preconsumer fibres, 15% E.C.F. pure pulp (elemental chlorine free) and 5% cotton fibres. Available in two colours: White and Cream.

| range | size   | grain | substance                      |
|-------|--------|-------|--------------------------------|
|       | 45x64  | LG    | 100                            |
|       | 64x88  | LG    | 80 100 120                     |
|       | 70x100 | LG    | 80 100 120 140 170 215 260 320 |

**technical features**  
standard/instrument  
unit of measure

| substance        | VSA                | opacity  | smoothness | tearing length |           |
|------------------|--------------------|----------|------------|----------------|-----------|
| ISO 536          | ISO 534            | ISO 2471 | ISO 2490   | ISO 1924       |           |
| g/m <sup>2</sup> | cm <sup>3</sup> /g | %        | ml/min     | m              |           |
|                  |                    |          |            | long±10%       | cross±10% |
| 80 ± 3%          | 1,35               | 88 ± 2   | 800 ± 200  | 7000           | 3200      |
| 100 ± 3%         | 1,35               | 93 ± 2   | 800 ± 200  | 6600           | 3000      |
| 120 ± 4%         | 1,35               | 94 ± 2   | 800 ± 200  | 6400           | 2900      |
| 140 ± 4%         | 1,35               | 96 ± 2   | 800 ± 200  | 6400           | 2900      |
| 170 ± 4%         | 1,35               | –        | 800 ± 200  | 6200           | 2800      |
| 215 ± 4%         | 1,35               | –        | 800 ± 200  | 5900           | 2700      |
| 260 ± 5%         | 1,35               | –        | 800 ± 200  | 5500           | 2500      |
| 320 ± 5%         | 1,35               | –        | 800 ± 200  | 4400           | 2000      |

Whiteness (col. White) - ISO 2470 (R457) - 87% ± 2  
Relative Humidity 50% ± 5

**ecological features**



**notes** Despite careful selection of raw material and the considerable attention paid to the pulp treatment process, slight variations in shade may occur between different production batches and occasional small residues from the recycling process. The product is completely biodegradable and recyclable. 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.



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

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 macro-porous surface suggests the use of oxidative drying inks.

Good chromatic result: attainable ink load, dot-gain and printing contrast are analogous to those obtainable onto pure pulp substrates.

Varnishing and plastic laminating must be assessed in advance. The varnish 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.

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.

Good results with major processing operations such as: cutting, die-cutting, creasing, folding and glueing.

F R E E L I F E<sup>®</sup>

