



QUADREX

description Single ply papers and multi-ply boards, on-machine laminated, uncoated, pulp-coloured. Made up mainly of E.C.F. pulp, with limited presence of CTMP fibers in the inside layers. Substances 490 g and 580 g are off-machine laminated. Available in “Giglio” and “Camomilla” colours.

range

size	grain	substance
72x102	LG	120 140 200 240 285 350 400 450 490 580

technical features
ref. standard/instrument
unit of measure

substance	VSA	roughness	Taber stiffness 15°		tensile strength	
ISO 536	ISO 534	ISO 8791-2	ISO 2493		ISO 1924	
g/m ²	cm ³ /g	ml/min	mN		kN/m	
			long±10%	cross±10%	long±10%	cross±10%
120 ± 3%	1,2	140 ± 40	9,5	5	7,8	3,9
140 ± 3%	1,2	140 ± 40	30	14	9,8	4,5
200 ± 4%	1,2	140 ± 40	70	30	14,4	7,2
240 ± 5%	1,1	90 ± 30	120	50	17,6	8,5
285 ± 5%	1,1	90 ± 30	200	80	21	9,8
350 ± 5%	1,1	90 ± 30	300	130	–	–
400 ± 5%	1,1	90 ± 30	400	180	–	–
450 ± 5%	1,1	90 ± 30	520	230	–	–
490 ± 5%	1,1	90 ± 30	800	350	–	–
580 ± 5%	1,1	90 ± 30	1100	500	–	–

Brightness (col. Giglio) - ISO 2470 (R457) - 102% ± 2
Relative Humidity 50% ± 5 ref. TAPPI 502-98

ecological features



ELEMENTAL
CHLORINE
FREE
GUARANTEED



HEAVY METAL
ABSENCE
CE 94/62

notes

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

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

Quadrex papers and boards are ideal for packaging, coordinated graphic materials, converting systems with portfolios, covers, inserts, card indexes. They are held in high regard for technical performances like stiffness and smoothness.

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.

printing
suggestions

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. 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 and glueing.

converting
suggestions