

Paper Profile



ULTRA YUPO® (FEB)

Product Description

Ultra YUPO® is an advanced environmentally sound synthetic grade with a reputation for delivering extreme tear and water resistance characteristics. Constructed from polypropylene, Ultra YUPO® is dust free and is chemical, oil and UV resistant, with drying times similar to that of traditional paper when used in conjunction with oxidising inks, making it ideal for a plethora of applications.

Features & Benefits

- 100% waterproof
- Chemical, tear and stain resistant
- Fast drying times – similar to traditional paper
- 100% recyclable
- Approved for non-aqueous & fatty food contact
- Conforms to the European Toy Safety Standard
- Free of toxins and heavy metals

Printing Tips

- In terms of whiteness, smoothness, and opaqueness, the surface of YUPO® has the same characteristics as paper.
- Be sure to bring your unopened packages of YUPO® into the same atmosphere as the printing room 24 hours before printing.
- Optimal printing room conditions :
Room temperature : 20-25°C.
Humidity : 50-70%RH
- Use synthetic paper inks which dry by oxidation
- Set spray powder volume at the same level for printing coated paper.

Printing Methods

- Offset
- UV Offset

Properties

	Caliper uM	Weight g/m ²	Density g/m ³	Whiteness %	Opacity %	Gloss %	Tensile strength kN/m		Tear strength mN	
							MD	CD	MD	CD
							Ultra Yupo® (FEB)	95	73.2	0.77
	110	84.7	0.77	98	96	51	6	14	380	230
	130	100.1	0.77	98	97	51	7	17	500	290
	150	115.5	0.77	98	98	50	7	20	610	350
	200	158.0	0.79	98	99	48	9	26	990	450
	250	200.0	0.80	98	99	46	12	33	1430	370
	300	252.0	0.84	98	99	46	12	40	3320	830