sappi | EuroArt™

Product information sheet

EuroArt™ plus silk
Coated fine paper available in sheets and reels for offset printing

Technical specifications

PARAMETER	STANDARD	UNIT											
BASIS WEIGHT	**ISO 536**	g/m²	90	100	115	130	150	170	200	250	300	350	400
BRIGHTNESS (illuminant D65/10°)	ISO 2470-2	%	100	100	100	100	100	100	100	100	100	100	100
CIE WHITENESS (D65/10°)	ISO 11475	%	127	127	127	127	127	127	127	127	127	127	127
OPACITY	ISO 2471	%	92,5	94	95,5	96,5	98	98,5	99	99,5	100	100	100
GLOSS TAPPI 75°	ISO 8254-1	%	32	32	32	32	32	32	32	35	35	35	35
ROUGHNESS PPS	ISO 8791-4	µm	2,5	2,5	2,2	2,2	2,0	2,0	2,0	1,5	1,7	1,9	2,0
THICKNESS	ISO 534	µm	83	92	106	119	138	158	188	238	300	368	420
SPEC. VOLUME	ISO 534	cm³/g	0,92	0,92	0,92	0,92	0,92	0,93	0,94	0,95	1,00	1,05	1,05
RELATIVE HUMIDITY (23°C)	TAPPI 502	%	50	50	50	50	50	50	50	50	50	50	50
PH VALUE	ISO 6588	-	>7	>7	>7	>7	>7	>7	>7	>7	>7	>7	>7

Print recommendations

Screen ruling	All existing half tone technologies.
Printing Inks	Any suitable quality ink.
Dot area	For dot areas over 320% we recommend Under Colour Removal (UCR).
Processing	Allow paper time to acclimatise to press room conditions before removing outer packaging. Strapping bands (if applied) should be removed shortly after delivery. Outer wrappers should be removed only when ready to print. Ideal press room conditions should be 50% ± 5 % relative humidity at 20°C.
Finishing	Suitable for all standard finishes, foil laminating (>130gsm), embossing and die cutting. Varnishes include: dispersion, print, UV, spot, relief, iriodin, scented & acqueous.
Converting	Pre-creasing before folding is recommended from 135 um thickness onwards. Crease channel width should be a minimum of 2x paper thickness plus thickness creasing knife (plus or minus 0,2 mm). Crease channel depth should ± 1.5x paper thickness. Creasing knife 2 point (0,71 mm) (this and that depending on your crease/fold device).
Assisted drying methods	When using infra red drying methods, stack temperature should not exceed 37°C. Suitable for UV cure inks.

Mill and product certifications

MILL CERTIFICATION						PRODUCT CERTIFICATION						
EMAS	ISO 14001	ISO 9001	OHSAS 18001	PEFC™ CoC	FSC® CoC	TCF/ ECF	PEFC™ credit material	FSC® Mix	Food contact	Toy safety	Archiving	Paper profile
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

- All fibers from sustainable and controlled sources. FSC® & PEFC™ may have limited availability, please check with your local sales office.
- Archiving tested according to the requirements of DIN 6738, Lifespan class - LDK 24-85.
- Only approved chemicals used, in compliance with recommendation XXXVI 'Paper and Board for Food Contact' of the BfR . EuroArt Plus Silk is suitable for direct contact with dry and fatty foodstuff.
- Meets the purity requirements (heavy metal content) of EN 71-3 'Toy Safety', part 3 'Migration of certain elements' and part 9 'Organic chemical compounds'.
- Packaging of product complies with packaging and waste directive 94/62/EC (article 11).
- EuroArt Plus Silk is fully recyclable.
- To learn more about all these certifications and to receive copies please contact your local sales office.

Target production values
Regional variations in specifications may apply; please contact your local Sales office for more information.
Updated: 01/10/2015