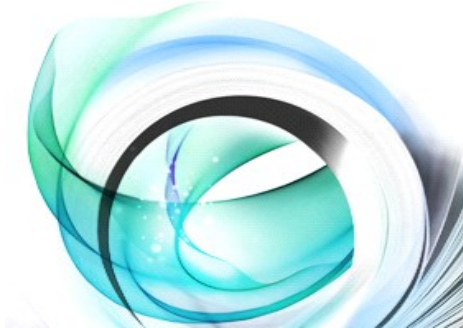




UPM CAT H

Sharp image reproduction and great value, especially in lighter basis weights. UPM Cat is a cost-efficient, high-quality magazine and catalog paper for large volume rotogravure and offset printing.

UPM CAT H :

Category:	Heatset web offset papers
Grade:	Supercalendered (SC)
End use:	Brochures, Catalogues, Flyers, Inserts, Magazines
Finish:	Gloss
Furnish:	Chemical pulp, Fillers, Mechanical pulp
Printing Method:	Heatset web offset
Format/Size:	Reels
Reel Diameter (cm) :	100.0 - 125.0
Reel Width (cm) :	40.0 - 432.0
Core (mm):	76.0 / 150.0
Wrapping:	Strong kraft paper, Strong moisture proof polyethylene laminated kraft paper
Certificates and Labels:	EMAS, EU Ecolabel, FSC Chain-of-Custody, ISO 14001, ISO 50001, ISO 9001, OHSAS 18001, PEFC Chain-of-Custody
Note:	PEFC™ and FSC® on request but subject to availability. Energy Management system ISO 50001 in place at Plattling Mill.

TECHNICAL TARGET VALUES

Basis Weight (ISO 536) (g/m ²)	45.0	48.0	51.0
Bulk (ISO 534) (cm ³ /g)	0.90	0.90	0.90
Brightness D65 (ISO 2470-2) (%)	73.0	73.0	73.0
L-value D65 (D65/10°) (ISO 5631-2)	89.0	90.0	90.0
a-value D65 (D65/10°) (ISO 5631-2)	-0.6	-0.6	-0.6
b-value D65 (D65/10°) (ISO 5631-2)	2.1	2.1	2.1
Opacity ISO (2471) (%)	88.0	90.0	91.0
Gloss Hunter (ISO 8254-1) (%)	46.0	46.0	46.0
Smoothness PPS 10 (ISO 8791-4) (µm)	1.3	1.2	1.2

45 g/m² available upon request

PREPRESS GUIDELINES

CIE L*-value (D50/2°) WB	90.5
CIE a*-value (D50/2°) WB	-0.1
CIE b*-value (D50/2°) WB	2.1
Max. Total Area (TAC%)	270
ICC Paper profile	SC_paper_eci.icc
Characterisation data	FOGRA40L.txt
TVI Curve	B(CMY), C(K)
AM Screen recommendation (l/cm)	60
FM Screen recommendation (µm)	35
Measurement condition for D50	ISO 13655, M0; D50/2°
Measurement equipment	Techkon RS800