150 UTB

- High sensitive thermal paper.
- Premium top thermal paper with a back coat.
- High resolution grade 300 DPI.
- For print speed up to 300 mm/s (12 IPS).

Price/weight labels

Deep freeze

Linerless

PAPER PROPERTIES

Item		Unit	Specification			Test method
			Target	Min	Max	
Basis weight		g/m²	76	71	81	ISO 536
Thickness		µm	75	70	80	ISO 534
Tensile strength	MD	kN/m		4.70		ISO 1924
	CD	kN/m		2.30		
Tear strength	MD	mN		325		ISO 1974
	CD	mN		370		
Stiffness (Lorentzen)	MD	mNm	0.24	0.20	0.28	ISO 2493
	CD	mNm	0.14	0.10	0.18	
PPS	Recto	µm			1.70	ISO 8791-4
Whiteness	Face	%		105		ISO 11475
Brightness	Face	%		87		ISO 2470
Opacity		%		86		ISO 2471
Moisture		%			7.50	ISO 287/2009

CERTIFICATIONS / REGULATIONS / DIRECTIVES

- RoHS
- WEEE
- 2003/11/EC
- 2000/53/EC
- 76/769/EEC
- ISO EN71-3
- REACh
- Indirect food contact
- BPA free

ISEGA

afaq ISO 9001 ISO 14001 Qualité Environnement AFNOR CERTIFICATION

AEO

FSC www.fsc.org FSC® C001858 The mark of responsible forestry

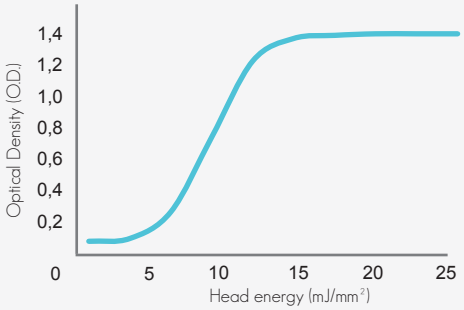
The data in this specification sheet represent averages, they are used for reference only and could be modified without notice.

RICOH imagine. change.

SENSITIVITY PROFILE

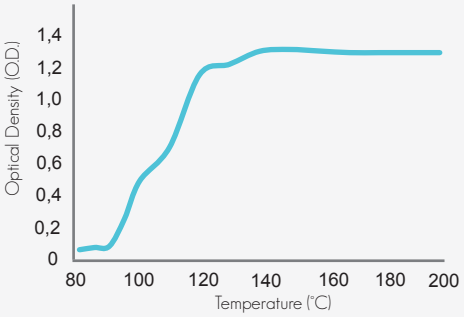
Dynamic thermosensitivity

Printed on a Datamax MP Nova 4 DT at a printing speed of 100 mm/s



Static thermosensitivity

Test carried out on a heat gradient Tester TOYOSEIKI

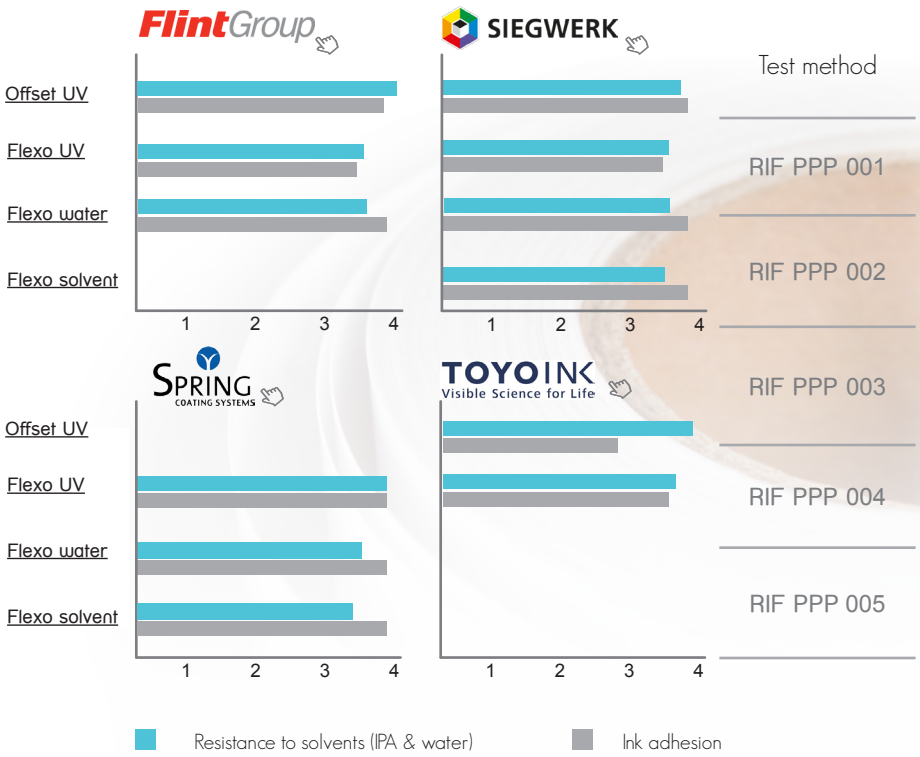


PRINTING PROPERTIES

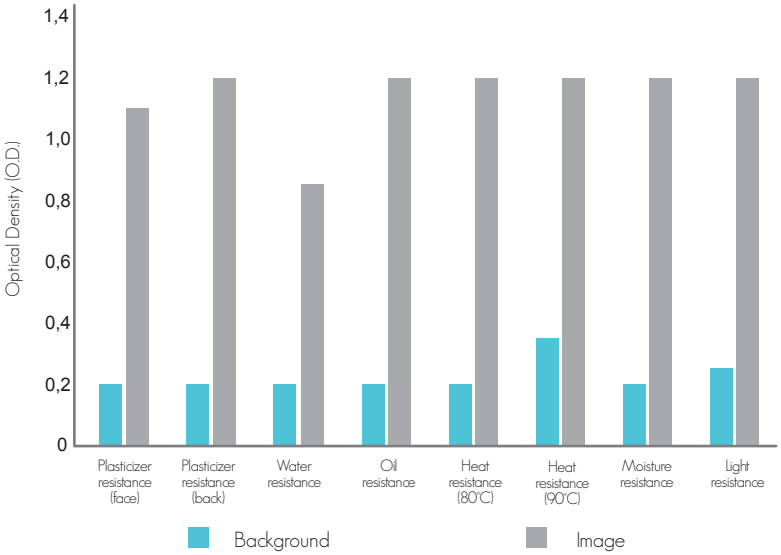
	Item	Unit	Specification Min	Specification Max	Test method
Printing	Color		Black		Visual inspection
Printing	Dynamic density	O.D.	1,38		RIF IP0153 / IP0151
Printing	Background density	O.D.		0,12	RIF IP0101
Matching	Distance without abrasion	km	100		RIF RP0101
Matching	Dynamic density	O.D.	1,30		RIF IP0153

INKING PROPERTIES

Click on the ink manufacturer logo to get more details



PRESERVATION PROPERTIES



Item	Test method
Plasticizer resistance (face)	RIF PP0111
Plasticizer resistance (back)	RIF PP0106
Water resistance	RIF PP0115
Oil resistance	RIF PP0101
Heat resistance (80°C)	RIF PP0114
Heat resistance (90°C)	
Moisture resistance	RIF PP0112
Light resistance	RIF PP0113

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