

RB-3

- ◆ Standard sensitive thermal paper.
- ◆ Standard-top thermal paper with a back coat.
- ◆ Long image durability.
- ◆ Standard resolution grade 200 DPI.
- ◆ For print speed up to 200 mm/s (8 IPS).
- ◆ Excellent fanfold properties.

PAPER PROPERTIES

Item	Unit	Specification			Test method	
		Target	Min	Max		
Basis weight	g/m ²	84	79	89	ISO 536	
Thickness	µm	82	77	87	ISO 534	
Tensile strength	MD	kN/m	4.80		ISO 1924	
	CD	kN/m	2.50			
Tear strength	MD	mN	400		ISO 1974	
	CD	mN	460			
Stiffness (Lorentzen)	MD	mNm	0.28	0.24	0.32	ISO 2493
	CD	mNm	0.18	0.14	0.22	
PPS	Recto	µm			1.70	ISO 8791-4
CIE Whiteness	Face	%		105		ISO 11475
D65 Brightness	Face	%		87		ISO 2470-2
Opacity		%		87		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



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.

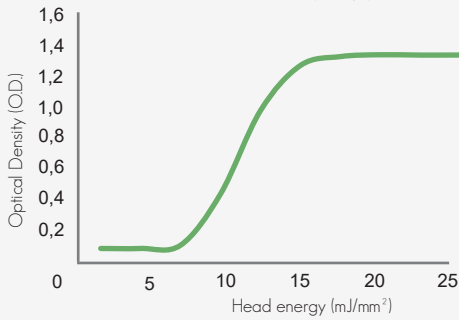


Bank statements

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

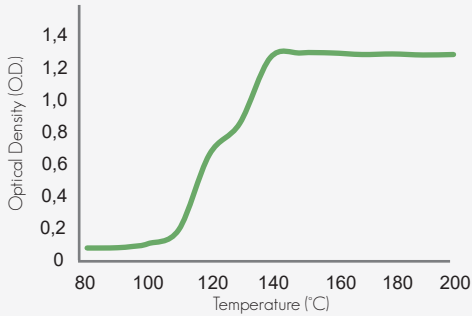
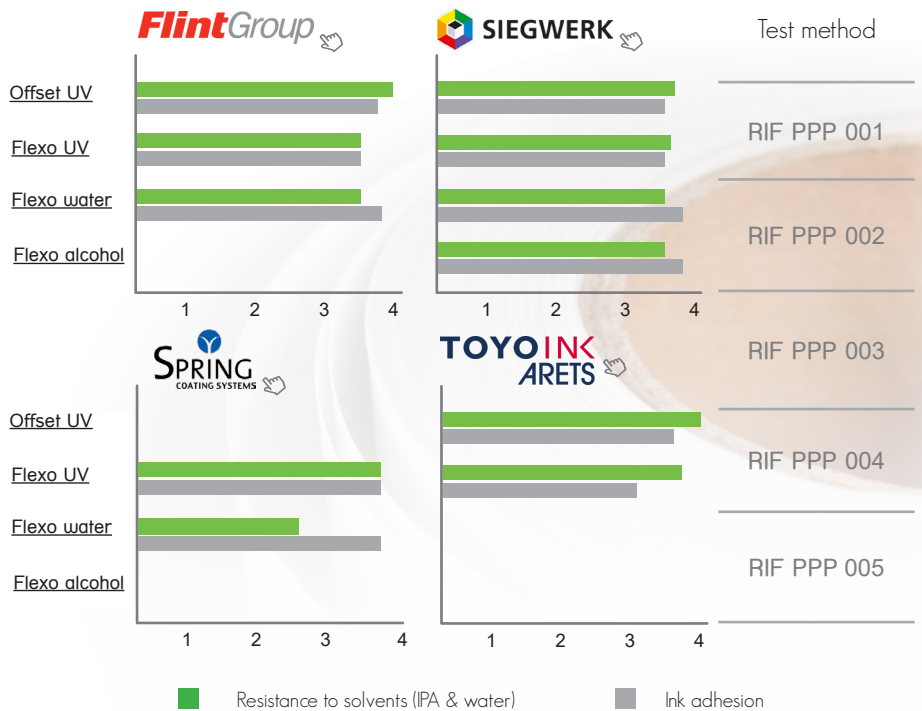


IMAGE PROPERTIES

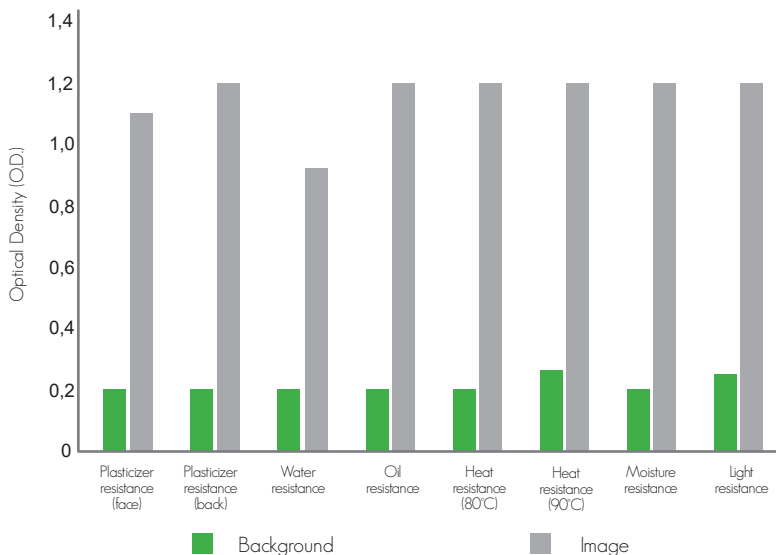
Item	Unit	Specification		Test method
		Min	Max	
Printing	Color		Black	Visual inspection
	Dynamic density	O.D.	1,33	RIF IP0153 / IP0151
	Background density	O.D.	0,12	RIF IP0101
Matching	Distance without abrasion	km	100	RIF RP0101
	Dynamic density	O.D.	1,25	RIF IP0153

INKING PROPERTIES

Click on the ink manufacturer name 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

- April 2017 -