130 TLA

150 µm

- Standard sensitive thermal cardboard.
- Premium-top coated thermal cardboard.
- Standard resolution grade 200 DPI.
- For print speed up to 200 mm/s (8 IPS).

Tags

Entertainment

Parking

Transportation

PAPER PROPERTIES

Item		Unit	Specification			Test method
			Target	Min	Max	
Basis weight		g/m²	141	130	152	ISO 536
Thickness		µm	145	131	159	ISO 534
Tensile strength	MD	kN/m		5.20		ISO 1924
	CD	kN/m		3.30		
Tear strength	MD	mN		600		ISO 1974
	CD	mN		800		
Smoothness	Face	s		200		ISO 5627
D65 Brightness	Face	%		70		ISO 2470-2
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

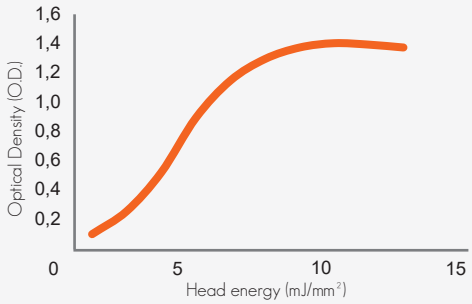
RICOH imagine. change.

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

SENSITIVITY PROFILE

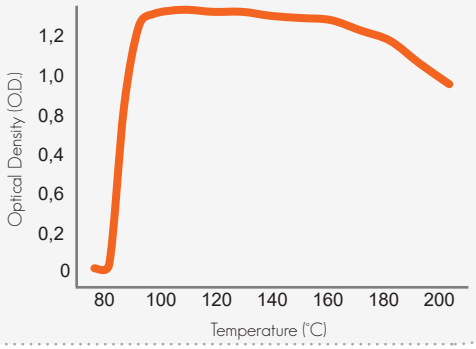
Dynamic thermosensitivity

Printed on a Markpoint MP 104 T at a printing speed of 100 mm/s



Static thermosensitivity

Test carried out on a heat gradient Tester TOYOSEIKI



PRINTING PROPERTIES

Item		Specification		Test method
		Min	Max	
Image color		Black		Visual inspection
Dynamic image density	O.D.	1.28		RIF IP0153 / IP0154
Background density	O.D.		0.12	RIF IP101

MATCHING PROPERTIES

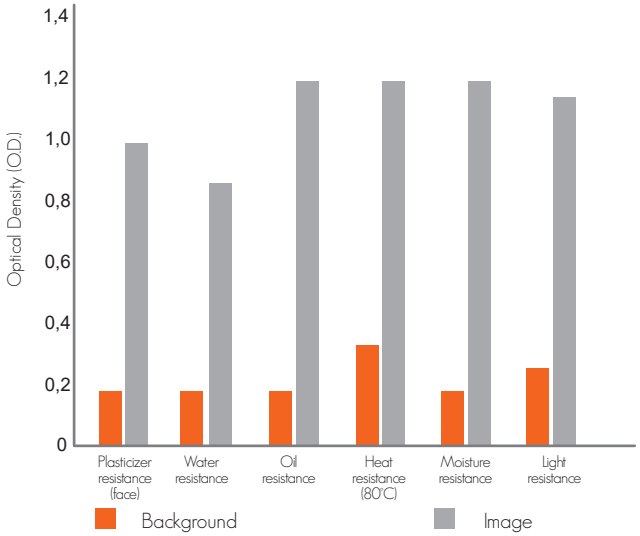
Item	Unit	Specification	Test method
		Min	
Distance without abrasion	km	30	TEC B-30 / 200dpi
Image density	O.D.	1.28	RIF IP0153

INKING PROPERTIES

Ink manufacturer	UV Offset	UV Flexo	Water based Flexo
Flint Group	Lithocure 3G	Flexocure Sigma & Gemini	Thermokett TC
Siegwerk	Sicura 456 & Web 861	Sicura Flex 39-8 & 39-6 Sicura 39-9P (DEO)	Aqualabel 471+2% 53.41 Unilabel T Aquatherm 8034
Zeller+Gmelin	Uvalux U4	Uvaflex	Multiflex
Sun Chemical / Hartmann	Unicure Jet CL Unicure 1200/1500	Solarflex Lumina	477 Thermo
Jänecke+Schneemann	Supra UV		Flexo 5/A
Van Son	Quickson spezial		TP Aqua Base Plus
GSB-Wahl	UV 6300	UV Label-Flex UFP Serie 50	Waterlabel

The list of recommendations is based on pre-printing tests, experiences of ink manufacturers & end users and no suitability guarantees are given.
The printing result may vary significantly depending on the local inking conditions and the process itself, thus it is recommended to always have pre-printing trials when selecting a new ink or a new paper grade.

PRESERVATION PROPERTIES



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

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