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Notes:

- a. Quick Oxidation inks are recommended and tested on non-porous papers.
- b. The HP Indigo 12000 machine used had the primer module. When the primer is required, the machine applies it.

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OFFSET	
Suitable for Offset?	Yes
Preliminary file	PDF
LPI	210
Plate	Energy Elite Pro
Plate size	800x1030
Machine	Komori LS 640
Dampening values	
Circuit temp.	28º
Water temp.	9º
Alcohol	3%
PH	5,5
Conductivity	2700 ms
Water additive	Acedin plano 4105
Ink range	Sakata - Ecopure SP
Color density	
C	0,95
M	1,10
Y	0,90
K	1,10
Caliper	0,16 mm
Printing pressure	0,16 mm
Blanket height	0,90 mm
Ink resistance	Very High
Scratch resistance	High
Hinge resistance	Yes
Varnish?	-
Notes	-

QUICK OXIDATION INKS	
¿Advisable/Needed?	No
Preliminary file	-
LPI	-
Plate	-
Plate size	-
Machine	-
Dampening values	
Circuit temp.	-
Water temp.	-
Alcohol	-
PH	-
Conductivity	-
Water additive	-
Ink range	-
Color density	
C	-
M	-
Y	-
K	-
Caliper	-
Printing pressure	-
Blanket height	-
Ink resistance	-
Scratch resistance	-
Hinge resistance	-
Varnish?	-
Notes	-

H-UV	
Suitable for H-UV?	Yes
Preliminary file	PDF
LPI	210
Plate	Energy Elite Pro
Plate size	800x1030
Machine	Komori LS 640
Dampening values	
Circuit temp.	28º
Water temp.	10º
Alcohol	3%
PH	5
Conductivity	2560 ms
Water additive	Acedin plano 4105
Ink range	Tipolit - New Set HS
Color density	
C	0,95
M	1,10
Y	0,90
K	1,10
Caliper	0,22 mm
Printing pressure	0,22 mm
Blanket height	0,6 mm
Ink resistance	Very High
Scratch resistance	Very High
Hinge resistance	Yes
Varnish?	-
Notes	-

HP INDIGO	
Suitable for HP Indigo?	Yes
Preliminary file	PDF
Machine	HP Indigo 12000
¿Primer Needed?	Yes
Microns used	170
Printing mode	Multi-Shot
Drying separation	1
Cleaning frequency	125 sheets
Ink resistance	High
Scratch resistance	High
Hinge resistance	Yes
Varnish?	-
Notes	-

DIGITAL TONER	
Suitable for Digital Toner?	Yes
Preliminary file	PDF
Machine	Ricoh C7100X
Master catalogue	Xerox Colotech
Weight	163 - 220
Type of paper	Normal
Paper color	White
Textured	Disabled
Max. Density	0
Fusion temp.	171
Voltage	-82 uA
J080 Detection	Disabled
Color Voltage	- kV
BW Voltage	- kV
Ink resistance	Very High
Scratch resistance	Very High
Hinge resistance	Yes
Varnish?	-
Notes	-

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OFFSET	
Suitable for Offset?	Yes
Preliminary file	PDF
LPI	210
Plate	Energy Elite Pro
Plate size	800x1030
Machine	Komori LS 640
Dampening values	
Circuit temp.	28º
Water temp.	10º
Alcohol	3%
PH	5
Conductivity	2620 ms
Water additive	Acedin plano 4105
Ink range	Sakata - Ecopure SP
Color density	
C	1,05
M	1,15
Y	0,75
K	1,25
Caliper	0,15 mm
Printing pressure	0,15 mm
Blanket height	1,20 mm
Ink resistance	Very High
Scratch resistance	Very High
Hinge resistance	Yes
Varnish?	-
Notes	24h drying time Be aware of the stacking, it could repaint

QUICK OXIDATION INKS	
¿Advisable/Needed?	Yes
Preliminary file	PDF
LPI	210
Plate	Energy Elite Pro
Plate size	800x1030
Machine	Komori LS 640
Dampening values	
Circuit temp.	28º
Water temp.	10º
Alcohol	3%
PH	5
Conductivity	2620 ms
Water additive	Acedin plano 4105
Ink range	Sakata - Oxi 707
Color density	
C	1,05
M	1,15
Y	0,75
K	1,25
Caliper	0,17 mm
Printing pressure	0,17 mm
Blanket height	1,2 mm
Ink resistance	Very High
Scratch resistance	High
Hinge resistance	Yes
Varnish?	Optional
Notes	

H-UV	
Suitable for H-UV?	Yes
Preliminary file	PDF
LPI	210
Plate	Energy Elite Pro
Plate size	800x1030
Machine	Komori LS 640
Dampening values	
Circuit temp.	28º
Water temp.	10º
Alcohol	3%
PH	5
Conductivity	2560 ms
Water additive	Acedin plano 4105
Ink range	Tipolit - New Set HS
Color density	
C	1,05
M	1,10
Y	0,80
K	1,25
Caliper	0,16 mm
Printing pressure	0,10 mm
Blanket height	1,20 mm
Ink resistance	Very High
Scratch resistance	Very High
Hinge resistance	Yes
Varnish?	-
Notes	

HP INDIGO	
Suitable for HP Indigo?	No
Preliminary file	-
Machine	HP Indigo 12000
¿Primer Needed?	-
Microns used	-
Printing mode	-
Drying separation	-
Cleaning frequency	-
Ink resistance	-
Scratch resistance	-
Hinge resistance	-
Varnish?	-
Notes	

DIGITAL TONER	
Suitable for Digital Toner?	Yes
Preliminary file	PDF
Machine	Ricoh C7100X
Master catalogue	WH Synthetic
Weight	163 - 220
Type of paper	Synthetic
Paper color	White
Textured	Activated
Max. Density	K=0, C=1, M=2, Y=2
Fusion temp.	143
Voltage	-82 uA
J080 Detection	Activated
Color Voltage	9 kV
BW Voltage	- kV
Ink resistance	High
Scratch resistance	Very High
Hinge resistance	Yes
Varnish?	-
Notes	-

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OFFSET	
Suitable for Offset?	Yes
Preliminary file	PDF
LPI	210
Plate	Energy Elite Pro
Plate size	800x1030
Machine	Komori LS 640
Dampening values	
Circuit temp.	28º
Water temp.	10º
Alcohol	3%
PH	5
Conductivity	2620 ms
Water additive	Acedin plano 4105
Ink range	Sakata - Ecopure SP
Color density	
C	1,05
M	1,15
Y	0,75
K	1,25
Caliper	0,17 mm
Printing pressure	0,17 mm
Blanket height	1,20 mm
Ink resistance	Very High
Scratch resistance	Very High
Hinge resistance	Yes
Varnish?	-
Notes	-

QUICK OXIDATION INKS	
¿Advisable/Needed?	No
Preliminary file	-
LPI	-
Plate	-
Plate size	-
Machine	-
Dampening values	
Circuit temp.	-
Water temp.	-
Alcohol	-
PH	-
Conductivity	-
Water additive	-
Ink range	-
Color density	
C	-
M	-
Y	-
K	-
Caliper	-
Printing pressure	-
Blanket height	-
Ink resistance	Very High
Scratch resistance	-
Hinge resistance	-
Varnish?	-
Notes	-

H-UV	
Suitable for H-UV?	Yes
Preliminary file	PDF
LPI	210
Plate	Energy Elite Pro
Plate size	800x1030
Machine	Komori LS 640
Dampening values	
Circuit temp.	28º
Water temp.	10º
Alcohol	3%
PH	5
Conductivity	2560 ms
Water additive	Acedin plano 4105
Ink range	Tipolit - New Set HS
Color density	
C	1,05
M	1,10
Y	0,80
K	1,25
Caliper	0,16 mm
Printing pressure	0,14 mm
Blanket height	1,20 mm
Ink resistance	Very High
Scratch resistance	Very High
Hinge resistance	Yes
Varnish?	-
Notes	-

HP INDIGO	
Suitable for HP Indigo?	Yes
Preliminary file	PDF
Machine	HP Indigo 12000
¿Primer Needed?	No
Microns used	135
Printing mode	Multi-Shot
Drying separation frequency	3
Cleaning	125 sheets
Ink resistance	Low
Scratch resistance	High
Hinge resistance	Yes
Varnish?	-
Notes	-

DIGITAL TONER	
Suitable for Digital Toner?	Yes
Preliminary file	PDF
Machine	Ricoh C7100X
Master catalogue	None
Weight	105 - 163
Type of paper	Normal
Paper color	White
Textured	Activated
Max. Density	2
Fusion temp.	143
Voltage	-110 uA
J080 Detection	Activated
Color Voltage	- kV
BW Voltage	- kV
Ink resistance	Very High
Scratch resistance	Very High
Hinge resistance	Yes
Varnish?	-
Notes	-

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OFFSET	
Suitable for Offset?	Yes
Preliminary file	PDF
LPI	210
Plate	Energy Elite Pro
Plate size	800x1030
Machine	Komori Ls 640
Dampening values	
Circuit temp.	28º
Water temp.	10º
Alcohol	3%
PH	5
Conductivity	2620 ms
Water additive	Acedin plano 4105
Ink range	Sakata - Ecopure SP
Color density	
C	1,05
M	1,15
Y	0,75
K	1,25
Caliper	0,17 mm
Printing pressure	0,15 mm
Blanket height	1,20 mm
Ink resistance	Very High
Scratch resistance	Very High
Hinge resistance	Yes
Varnish?	-
Notes	-

QUICK OXIDATION INKS	
¿Advisable/Needed?	No
Preliminary file	-
LPI	-
Plate	-
Plate size	-
Machine	-
Dampening values	
Circuit temp.	-
Water temp.	-
Alcohol	-
PH	-
Conductivity	-
Water additive	-
Ink range	-
Color density	
C	-
M	-
Y	-
K	-
Caliper	-
Printing pressure	-
Blanket height	-
Ink resistance	Very High
Scratch resistance	-
Hinge resistance	-
Varnish?	-
Notes	-

H-UV	
Suitable for H-UV?	Yes
Preliminary file	PDF
LPI	210
Plate	Energy Elite Pro
Plate size	800x1030
Machine	Komori LS 640
Dampening values	
Circuit temp.	28º
Water temp.	10º
Alcohol	3%
PH	5
Conductivity	2560 ms
Water additive	Acedin plano 4105
Ink range	Tipolit - New Set HS
Color density	
C	1,00
M	1,05
Y	0,80
K	1,20
Caliper	0,16 mm
Printing pressure	0,16 mm
Blanket height	1,20 mm
Ink resistance	Very High
Scratch resistance	Very High
Hinge resistance	Yes
Varnish?	-
Notes	-

HP INDIGO	
Suitable for HP Indigo?	Yes
Preliminary file	PDF
Machine	HP Indigo 12000
¿Primer Needed?	Yes
Microns used	110
Printing mode	One-Shot
Drying separation frequency	2
Cleaning	100 sheets
Ink resistance	Low
Scratch resistance	High
Hinge resistance	Yes
Varnish?	-
Notes	-

DIGITAL TONER	
Suitable for Digital Toner?	Yes
Preliminary file	PDF
Machine	Ricoh C7100X
Master catalogue	None
Weight	105 - 163
Type of paper	Normal
Paper color	White
Textured	Activated
Max. Density	2
Fusion temp.	143
Voltage	-110 uA
J080 Detection	Activated
Color Voltage	- kV
BW Voltage	- kV
Ink resistance	Very High
Scratch resistance	Very High
Hinge resistance	Yes
Varnish?	-
Notes	-

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OFFSET	
Suitable for Offset?	Yes
Preliminary file	PDF
LPI	210
Plate	Energy Elite Pro
Plate size	800x1030
Machine	Komori Ls 640
Dampening values	
Circuit temp.	28º
Water temp.	10º
Alcohol	3%
PH	5
Conductivity	2620 ms
Water additive	Acedin plano 4105
Ink range	Sakata - Ecopure SP
Color density	
C	1,05
M	1,15
Y	0,75
K	1,25
Caliper	0,20 mm
Printing pressure	0,20 mm
Blanket height	1,20 mm
Ink resistance	Very High
Scratch resistance	Very High
Hinge resistance	Yes
Varnish?	-
Notes	-

QUICK OXIDATION INKS	
¿Advisable/Needed?	No
Preliminary file	-
LPI	-
Plate	-
Plate size	-
Machine	-
Dampening values	
Circuit temp.	-
Water temp.	-
Alcohol	-
PH	-
Conductivity	-
Water additive	-
Ink range	-
Color density	
C	-
M	-
Y	-
K	-
Caliper	-
Printing pressure	-
Blanket height	-
Ink resistance	Very High
Scratch resistance	-
Hinge resistance	-
Varnish?	-
Notes	-

H-UV	
Suitable for H-UV?	Yes
Preliminary file	PDF
LPI	210
Plate	Energy Elite Pro
Plate size	800x1030
Machine	Komori LS 640
Dampening values	
Circuit temp.	28º
Water temp.	10º
Alcohol	3%
PH	5
Conductivity	2560 ms
Water additive	Acedin plano 4105
Ink range	Tipolit - New Set HS
Color density	
C	1,05
M	1,10
Y	0,80
K	1,25
Caliper	0,22 mm
Printing pressure	0,22 mm
Blanket height	1,20 mm
Ink resistance	Very High
Scratch resistance	Very High
Hinge resistance	Yes
Varnish?	-
Notes	-

HP INDIGO	
Suitable for HP Indigo?	Yes
Preliminary file	PDF
Machine	HP Indigo 12000
¿Primer Needed?	No
Microns used	150
Printing mode	Multi-Shot
Drying separation	2
Cleaning frequency	100 sheets
Ink resistance	Low
Scratch resistance	High
Hinge resistance	Yes
Varnish?	-
Notes	-

DIGITAL TONER	
Suitable for Digital Toner?	Yes
Preliminary file	PDF
Machine	Ricoh C7100X
Master catalogue	None
Weight	105 - 163
Type of paper	Normal
Paper color	White
Textured	Activated
Max. Density	2
Fusion temp.	143
Voltage	-110 uA
J080 Detection	Activated
Color Voltage	- kV
BW Voltage	- kV
Ink resistance	Very High
Scratch resistance	Very High
Hinge resistance	Yes
Varnish?	-
Notes	-

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OFFSET	
Suitable for Offset?	Yes
Preliminary file	PDF
LPI	210
Plate	Energy Elite Pro
Plate size	800x1030
Machine	Komori LS 640
Dampening values	
Circuit temp.	28º
Water temp.	10º
Alcohol	3%
PH	5
Conductivity	2620 ms
Water additive	Acedin plano 4105
Ink range	Sakata - Ecopure SP
Color density	
C	1,05
M	1,15
Y	0,75
K	1,25
Caliper	0,16 mm
Printing pressure	0,16 mm
Blanket height	1,20 mm
Ink resistance	Very High
Scratch resistance	Very High
Hinge resistance	Yes
Varnish?	-
Notes	-

QUICK OXIDATION INKS	
¿Advisable/Needed?	No
Preliminary file	-
LPI	-
Plate	-
Plate size	-
Machine	-
Dampening values	
Circuit temp.	-
Water temp.	-
Alcohol	-
PH	-
Conductivity	-
Water additive	-
Ink range	-
Color density	
C	-
M	-
Y	-
K	-
Caliper	-
Printing pressure	-
Blanket height	-
Ink resistance	Very High
Scratch resistance	-
Hinge resistance	-
Varnish?	-
Notes	-

H-UV	
Suitable for H-UV?	Yes
Preliminary file	PDF
LPI	210
Plate	Energy Elite Pro
Plate size	800x1030
Machine	Komori LS 640
Dampening values	
Circuit temp.	28º
Water temp.	10º
Alcohol	3%
PH	5
Conductivity	2560 ms
Water additive	Acedin plano 4105
Ink range	Tipolit - New Set HS
Color density	
C	1,05
M	1,10
Y	0,80
K	1,20
Caliper	0,15 mm
Printing pressure	0,15 mm
Blanket height	1,20 mm
Ink resistance	Very High
Scratch resistance	Very High
Hinge resistance	Yes
Varnish?	-
Notes	-

HP INDIGO	
Suitable for HP Indigo?	Yes
Preliminary file	PDF
Machine	HP Indigo 12000
¿Primer Needed?	No
Microns used	130
Printing mode	Multi-Shot
Drying separation frequency	2
Cleaning	100 sheets
Ink resistance	Low
Scratch resistance	High
Hinge resistance	Yes
Varnish?	-
Notes	-

DIGITAL TONER	
Suitable for Digital Toner?	Yes
Preliminary file	PDF
Machine	Ricoh C7100X
Master catalogue	None
Weight	105 - 163
Type of paper	Normal
Paper color	White
Textured	Activated
Max. Density	0
Fusion temp.	143
Voltage	-110 uA
J080 Detection	Activated
Color Voltage	- kV
BW Voltage	- kV
Ink resistance	Very High
Scratch resistance	Very High
Hinge resistance	Yes
Varnish?	-
Notes	-

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OFFSET	
Suitable for Offset?	Yes
Preliminary file	PDF
LPI	210
Plate	Energy Elite Pro
Plate size	800x1030
Machine	Komori LS 640
Dampening values	
Circuit temp.	28º
Water temp.	10º
Alcohol	3%
PH	5
Conductivity	2620 ms
Water additive	Acedin plano 4105
Ink range	Sakata - Ecopure SP
Color density	
C	1,05
M	1,15
Y	0,75
K	1,25
Caliper	0,16 mm
Printing pressure	0,16 mm
Blanket height	1,20 mm
Ink resistance	Very High
Scratch resistance	Very High
Hinge resistance	Yes
Varnish?	-
Notes	-

QUICK OXIDATION INKS	
¿Advisable/Needed?	No
Preliminary file	-
LPI	-
Plate	-
Plate size	-
Machine	-
Dampening values	
Circuit temp.	-
Water temp.	-
Alcohol	-
PH	-
Conductivity	-
Water additive	-
Ink range	-
Color density	
C	-
M	-
Y	-
K	-
Caliper	-
Printing pressure	-
Blanket height	-
Ink resistance	Very High
Scratch resistance	-
Hinge resistance	-
Varnish?	-
Notes	-

H-UV	
Suitable for H-UV?	Yes
Preliminary file	PDF
LPI	210
Plate	Energy Elite Pro
Plate size	800x1030
Machine	Komori LS 640
Dampening values	
Circuit temp.	28º
Water temp.	10º
Alcohol	3%
PH	5
Conductivity	2560 ms
Water additive	Acedin plano 4105
Ink range	Tipolit - New Set HS
Color density	
C	1,05
M	1,10
Y	0,80
K	1,25
Caliper	0,15 mm
Printing pressure	0,14 mm
Blanket height	1,20 mm
Ink resistance	Very High
Scratch resistance	Very High
Hinge resistance	Yes
Varnish?	-
Notes	-

HP INDIGO	
Suitable for HP Indigo?	Yes
Preliminary file	PDF
Machine	HP Indigo 12000
¿Primer Needed?	No
Microns used	130
Printing mode	Multi-Shot
Drying separation frequency	4
Cleaning	100 sheets
Ink resistance	Low
Scratch resistance	High
Hinge resistance	Yes
Varnish?	-
Notes	-

DIGITAL TONER	
Suitable for Digital Toner?	Yes
Preliminary file	PDF
Machine	Ricoh C7100X
Master catalogue	None
Weight	105 - 163
Type of paper	Normal
Paper color	White
Textured	Activated
Max. Density	2
Fusion temp.	143
Voltage	-110 uA
J080 Detection	Activated
Color Voltage	- kV
BW Voltage	- kV
Ink resistance	Very High
Scratch resistance	Very High
Hinge resistance	Yes
Varnish?	-
Notes	-

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OFFSET	
Suitable for Offset?	Yes
Preliminary file	PDF
LPI	210
Plate	Energy Elite Pro
Plate size	800x1030
Machine	Komori LS 640
Dampening values	
Circuit temp.	28º
Water temp.	10º
Alcohol	3%
PH	5
Conductivity	2620 ms
Water additive	Acedin plano 4105
Ink range	Sakata - Ecopure SP
Color density	
C	1,05
M	1,15
Y	0,75
K	1,25
Caliper	0,17 mm
Printing pressure	0,17 mm
Blanket height	1,20 mm
Ink resistance	Very High
Scratch resistance	Very High
Hinge resistance	Yes
Varnish?	-
Notes	-

QUICK OXIDATION INKS	
¿Advisable/Needed?	No
Preliminary file	-
LPI	-
Plate	-
Plate size	-
Machine	-
Dampening values	
Circuit temp.	-
Water temp.	-
Alcohol	-
PH	-
Conductivity	-
Water additive	-
Ink range	-
Color density	
C	-
M	-
Y	-
K	-
Caliper	-
Printing pressure	-
Blanket height	-
Ink resistance	Very High
Scratch resistance	-
Hinge resistance	-
Varnish?	-
Notes	-

H-UV	
Suitable for H-UV?	Yes
Preliminary file	PDF
LPI	210
Plate	Energy Elite Pro
Plate size	800x1030
Machine	Komori LS 640
Dampening values	
Circuit temp.	28º
Water temp.	10º
Alcohol	3%
PH	5
Conductivity	2560 ms
Water additive	Acedin plano 4105
Ink range	Tipolit - New Set HS
Color density	
C	1,05
M	1,10
Y	0,80
K	1,25
Caliper	0,80 mm
Printing pressure	0,8 mm
Blanket height	1,20 mm
Ink resistance	Very High
Scratch resistance	Very High
Hinge resistance	Yes
Varnish?	-
Notes	-

HP INDIGO	
Suitable for HP Indigo?	Yes
Preliminary file	PDF
Machine	HP Indigo 12000
¿Primer Needed?	Yes
Microns used	130
Printing mode	One-Shot
Drying separation frequency	4
Cleaning	100 sheets
Ink resistance	Low
Scratch resistance	High
Hinge resistance	Yes
Varnish?	-
Notes	-

DIGITAL TONER	
Suitable for Digital Toner?	Yes
Preliminary file	PDF
Machine	Ricoh C7100X
Master catalogue	None
Weight	105 - 163
Type of paper	Normal
Paper color	White
Textured	Activated
Max. Density	5
Fusion temp.	143
Voltage	-110 uA
J080 Detection	Activated
Color Voltage	- kV
BW Voltage	- kV
Ink resistance	Very High
Scratch resistance	Very High
Hinge resistance	Yes
Varnish?	-
Notes	-

WARNING: All specifications were tested in Vanguard Gràfic and Otzarreta Comunicació. All printed samples have been printed following these parameters. However, trying to copy these results will depend on other parameters like the used machine and its maintenance, weather temperature, etc. These parameters should not be followed if they go against the machine, ink or glue manufacturer's recommendations, which should be always followed. Guarro Casas will not accept any responsibility for any damage caused by an incorrect use.

OFFSET	
Suitable for Offset?	Yes
Preliminary file	PDF
LPI	210
Plate	Energy Elite Pro
Plate size	800x1030
Machine	Komori LS 640
Dampening values	
Circuit temp.	28º
Water temp.	10º
Alcohol	3%
PH	5,5
Conductivity	2980 ms
Water additive	Acedin plano 4105
Ink range	Sakata - Ecopure SP
Color density	
C	0,95
M	1,00
Y	0,90
K	1,10
Caliper	0,11 mm
Printing pressure	0,11 mm
Blanket height	0,90 mm
Ink resistance	Very High
Scratch resistance	Very High
Hinge resistance	Yes
Varnish?	-
Notes	-

QUICK OXIDATION INKS	
¿Advisable/Needed?	No
Preliminary file	-
LPI	-
Plate	-
Plate size	-
Machine	-
Dampening values	
Circuit temp.	-
Water temp.	-
Alcohol	-
PH	-
Conductivity	-
Water additive	-
Ink range	-
Color density	
C	-
M	-
Y	-
K	-
Caliper	-
Printing pressure	-
Blanket height	-
Ink resistance	-
Scratch resistance	-
Hinge resistance	-
Varnish?	-
Notes	-

H-UV	
Suitable for H-UV?	Yes
Preliminary file	PDF
LPI	210
Plate	Energy Elite Pro
Plate size	800x1030
Machine	Komori LS 640
Dampening values	
Circuit temp.	28º
Water temp.	10º
Alcohol	3%
PH	5
Conductivity	2560 ms
Water additive	Acedin plano 4105
Ink range	Tipolit - New Set HS
Color density	
C	1,25
M	1,25
Y	1,00
K	1,40
Caliper	0,16 mm
Printing pressure	0,16 mm
Blanket height	1,20 mm
Ink resistance	Very High
Scratch resistance	Very High
Hinge resistance	Yes
Varnish?	-
Notes	-

HP INDIGO	
Suitable for HP Indigo?	Yes
Preliminary file	PDF
Machine	HP Indigo 12000
¿Primer Needed?	No
Microns used	135
Printing mode	One-Shot
Drying separation frequency	2 200 sheets
Ink resistance	Low
Scratch resistance	Media
Hinge resistance	Yes
Varnish?	-
Notes	-

DIGITAL TONER	
Suitable for Digital Toner?	No
Preliminary file	-
Machine	Ricoh C7100X
Master catalogue	-
Weight	-
Type of paper	-
Paper color	-
Textured	-
Max. Density	-
Fusion temp.	0
Voltage	- uA
J080 Detection	-
Color Voltage	- kV
BW Voltage	- kV
Ink resistance	-
Scratch resistance	-
Hinge resistance	-
Varnish?	-
Notes	Due to embossing

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OFFSET	
Suitable for Offset?	Yes
Preliminary file	PDF
LPI	210
Plate	Energy Elite Pro
Plate size	800x1030
Machine	Komori LS 640
Dampening values	
Circuit temp.	28º
Water temp.	10º
Alcohol	3%
PH	5
Conductivity	2620 ms
Water additive	Acedin plano 4105
Ink range	Sakata - Ecopure SP
Color density	
C	1,05
M	1,15
Y	0,75
K	1,25
Caliper	0,15 mm
Printing pressure	0,13 mm
Blanket height	1,20 mm
Ink resistance	High
Scratch resistance	Very High
Hinge resistance	Yes
Varnish?	-
Notes	> 24h drying time

Geltex Reflejos is a non-porous paper. It is crucial to avoid water presence on the paper's surface coming from the blanket. For that reason, water on the plate has to be reduced up to the limit before staining the plate. On the production was between 6 and 10 water cycles.

QUICK OXIDATION INKS	
¿Advisable/Needed?	Yes
Preliminary file	PDF
LPI	210
Plate	Energy Elite Pro
Plate size	800x1030
Machine	Komori LS 640
Dampening values	
Circuit temp.	28º
Water temp.	10º
Alcohol	3%
PH	5
Conductivity	2620 ms
Water additive	Acedin plano 4105
Ink range	Sakata - Oxi 707
Color density	
C	1,00
M	1,10
Y	0,75
K	1,20
Caliper	0,16 mm
Printing pressure	0,14 mm
Blanket height	1,2 mm
Ink resistance	Very High
Scratch resistance	Very High
Hinge resistance	Yes
Varnish?	-
Notes	

H-UV	
Suitable for H-UV?	Yes
Preliminary file	PDF
LPI	210
Plate	Energy Elite Pro
Plate size	800x1030
Machine	Komori G40P
Dampening values	
Circuit temp.	28º
Water temp.	10º
Alcohol	0%
PH	5
Conductivity	1800 ms
Water additive	Acedin plano 4105
Ink range	Tipolit - New Set HS
Color density	
C	0,95
M	1,10
Y	0,90
K	1,10
Caliper	0,14 mm
Printing pressure	0,06 mm
Blanket height	0,70 mm
Ink resistance	High
Scratch resistance	High
Hinge resistance	Yes
Varnish?	-
Notes	

HP INDIGO	
Suitable for HP Indigo?	Yes
Preliminary file	PDF
Machine	HP Indigo 12000
¿Primer Needed?	Yes
Microns used	110
Printing mode	One-Shot
Drying separation	4
Cleaning frequency	125 sheets
Ink resistance	High
Scratch resistance	Very High
Hinge resistance	Yes
Varnish?	-
Notes	

DIGITAL TONER	
Suitable for Digital Toner?	Yes
Preliminary file	PDF
Machine	Ricoh C7100X
Master catalogue	WH Metallic or Pearl
Weight	105 - 163
Type of paper	Metallic / Pearl
Paper color	Colour
Textured	Activated
Max. Density	0
Fusion temp.	170
Voltage	-82 uA
J080 Detection	Disabled
Color Voltage	- kV
BW Voltage	- kV
Ink resistance	Very High
Scratch resistance	Very High
Hinge resistance	Yes
Varnish?	-
Notes	

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Guaflex Atlantis Ref. 0416144

OFFSET	
Suitable for Offset?	Yes
Preliminary file	PDF
LPI	210
Plate	Energy Elite Pro
Plate size	800x1030
Machine	Komori LS 640
Dampening values	
Circuit temp.	28º
Water temp.	10º
Alcohol	3%
PH	5
Conductivity	2620 ms
Water additive	Acedin plano 4105
Ink range	Sakata - Ecopure SP
Color density	
C	1,05
M	1,15
Y	0,75
K	1,25
Caliper	0,26 mm
Printing pressure	0,16 mm
Blanket height	1,20 mm
Ink resistance	High
Scratch resistance	Very High
Hinge resistance	Yes
Varnish?	Optional
Notes	> 24h drying time Be aware of the stacking, it could repaint

QUICK OXIDATION INKS	
¿Advisable/Needed?	Yes
Preliminary file	PDF
LPI	210
Plate	Energy Elite Pro
Plate size	800x1030
Machine	Komori LS 640
Dampening values	
Circuit temp.	28º
Water temp.	10º
Alcohol	3%
PH	5
Conductivity	2620 ms
Water additive	Acedin plano 4105
Ink range	Sakata - Oxi 707
Color density	
C	1,05
M	1,15
Y	0,75
K	1,25
Caliper	0,24 mm
Printing pressure	0,16 mm
Blanket height	1,2 mm
Ink resistance	Very High
Scratch resistance	Very High
Hinge resistance	Yes
Varnish?	Optional
Notes	

H-UV	
Suitable for H-UV?	Yes
Preliminary file	PDF
LPI	210
Plate	Energy Elite Pro
Plate size	800x1030
Machine	Komori LS 640
Dampening values	
Circuit temp.	28º
Water temp.	10º
Alcohol	3%
PH	5
Conductivity	2560 ms
Water additive	Acedin plano 4105
Ink range	Tipolit - New Set HS
Color density	
C	1,00
M	0,95
Y	0,80
K	1,25
Caliper	0,25 mm
Printing pressure	0,20 mm
Blanket height	1,20 mm
Ink resistance	Low
Scratch resistance	Low
Hinge resistance	Yes
Varnish?	Recommended
Notes	

HP INDIGO	
Suitable for HP Indigo?	No
Preliminary file	-
Machine	HP Indigo 12000
¿Primer Needed?	-
Microns used	-
Printing mode	-
Drying separation frequency	-
Cleaning frequency	-
Ink resistance	-
Scratch resistance	-
Hinge resistance	-
Varnish?	-
Notes	

DIGITAL TONER	
Suitable for Digital Toner?	No
Preliminary file	-
Machine	Ricoh C7100X
Master catalogue	-
Weight	-
Type of paper	-
Paper color	-
Textured	-
Max. Density	-
Fusion temp.	0
Voltage	- uA
J080 Detection	-
Color Voltage	- kV
BW Voltage	- kV
Ink resistance	-
Scratch resistance	-
Hinge resistance	-
Varnish?	-
Notes	Due to embossing

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OFFSET	
Suitable for Offset?	Yes
Preliminary file	PDF
LPI	210
Plate	Energy Elite Pro
Plate size	800x1030
Machine	Komori LS 640
Dampening values	
Circuit temp.	28º
Water temp.	10º
Alcohol	3%
PH	5
Conductivity	2620 ms
Water additive	Acedin plano 4105
Ink range	Sakata - Ecopure SP
Color density	
C	1,15
M	1,20
Y	0,80
K	1,35
Caliper	0,21 mm
Printing pressure	0,17 mm
Blanket height	1,20 mm
Ink resistance	High
Scratch resistance	Very High
Hinge resistance	Yes
Varnish?	Optional
Notes	> 24h drying time Be aware of the stacking, it could repaint

QUICK OXIDATION INKS	
¿Advisable/Needed?	Yes
Preliminary file	PDF
LPI	210
Plate	Energy Elite Pro
Plate size	800x1030
Machine	Komori LS 640
Dampening values	
Circuit temp.	28º
Water temp.	10º
Alcohol	3%
PH	5
Conductivity	2620 ms
Water additive	Acedin plano 4105
Ink range	Sakata - Oxi 707
Color density	
C	1,05
M	1,15
Y	0,75
K	1,25
Caliper	0,21 mm
Printing pressure	0,19 mm
Blanket height	1,2 mm
Ink resistance	Very High
Scratch resistance	Very High
Hinge resistance	Yes
Varnish?	Optional
Notes	

H-UV	
Suitable for H-UV?	Yes
Preliminary file	PDF
LPI	210
Plate	Energy Elite Pro
Plate size	800x1030
Machine	Komori LS 640
Dampening values	
Circuit temp.	28º
Water temp.	10º
Alcohol	3%
PH	5
Conductivity	2560 ms
Water additive	Acedin plano 4105
Ink range	Tipolit - New Set HS
Color density	
C	1,30
M	1,20
Y	0,90
K	1,40
Caliper	0,21 mm
Printing pressure	0,17 mm
Blanket height	1,20 mm
Ink resistance	Low
Scratch resistance	Low
Hinge resistance	Yes
Varnish?	Recommended
Notes	

HP INDIGO	
Suitable for HP Indigo?	No
Preliminary file	-
Machine	HP Indigo 12000
¿Primer Needed?	-
Microns used	-
Printing mode	-
Drying separation frequency	-
Cleaning frequency	-
Ink resistance	-
Scratch resistance	-
Hinge resistance	-
Varnish?	-
Notes	

DIGITAL TONER	
Suitable for Digital Toner?	No
Preliminary file	-
Machine	Ricoh C7100X
Master catalogue	-
Weight	-
Type of paper	-
Paper color	-
Textured	-
Max. Density	-
Fusion temp.	0
Voltage	- uA
J080 Detection	-
Color Voltage	- kV
BW Voltage	- kV
Ink resistance	-
Scratch resistance	-
Hinge resistance	-
Varnish?	-
Notes	Due to embossing

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OFFSET	
Suitable for Offset?	Yes
Preliminary file	PDF
LPI	210
Plate	Energy Elite Pro
Plate size	800x1030
Machine	Komori LS 640
Dampening values	
Circuit temp.	28º
Water temp.	10º
Alcohol	3%
PH	5
Conductivity	2620 ms
Water additive	Acedin plano 4105
Ink range	Sakata - Ecopure SP
Color density	
C	1,05
M	1,15
Y	0,75
K	1,25
Caliper	0,24 mm
Printing pressure	0,24 mm
Blanket height	1,20 mm
Ink resistance	Very High
Scratch resistance	High
Hinge resistance	Yes
Varnish?	-
Notes	-

QUICK OXIDATION INKS	
¿Advisable/Needed?	No
Preliminary file	-
LPI	-
Plate	-
Plate size	-
Machine	-
Dampening values	
Circuit temp.	-
Water temp.	-
Alcohol	-
PH	-
Conductivity	-
Water additive	-
Ink range	-
Color density	
C	-
M	-
Y	-
K	-
Caliper	-
Printing pressure	-
Blanket height	-
Ink resistance	-
Scratch resistance	-
Hinge resistance	-
Varnish?	-
Notes	-

H-UV	
Suitable for H-UV?	Yes
Preliminary file	PDF
LPI	210
Plate	Energy Elite Pro
Plate size	800x1030
Machine	Komori LS 640
Dampening values	
Circuit temp.	28º
Water temp.	10º
Alcohol	3%
PH	5
Conductivity	2560 ms
Water additive	Acedin plano 4105
Ink range	Tipolit - New Set HS
Color density	
C	1,05
M	1,10
Y	0,80
K	1,25
Caliper	0,22 mm
Printing pressure	0,22 mm
Blanket height	1,20 mm
Ink resistance	Very High
Scratch resistance	Very High
Hinge resistance	Yes
Varnish?	-
Notes	-

HP INDIGO	
Suitable for HP Indigo?	No
Preliminary file	-
Machine	HP Indigo 12000
¿Primer Needed?	-
Microns used	-
Printing mode	-
Drying separation	-
Cleaning frequency	-
Ink resistance	-
Scratch resistance	-
Hinge resistance	-
Varnish?	-
Notes	-

DIGITAL TONER	
Suitable for Digital Toner?	Yes
Preliminary file	PDF
Machine	Ricoh C7100X
Master catalogue	WH Xerox Colotech
Weight	220 - 256
Type of paper	Normal
Paper color	White
Textured	Activated
Max. Density	2
Fusion temp.	140
Voltage	-70 uA
J080 Detection	Disabled
Color Voltage	- kV
BW Voltage	- kV
Ink resistance	Very High
Scratch resistance	Very High
Hinge resistance	Yes
Varnish?	-
Notes	-

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OFFSET

Suitable for Offset?	Yes
Preliminary file	PDF
LPI	210
Plate	Energy Elite Pro
Plate size	800x1030
Machine	Komori LS 640

Dampening values

Circuit temp.	28º
Water temp.	10º
Alcohol	3%
PH	5

Conductivity	2620 ms
Water additive	Acedin plano 4105
Ink range	Sakata - Ecopure SP

Color density	
C	1,05
M	1,15
Y	0,70
K	1,20
Caliper	0,19 mm
Printing pressure	0,19 mm
Blanket height	1,20 mm
Ink resistance	Very High
Scratch resistance	Very High
Hinge resistance	Yes
Varnish?	-
Notes	-

QUICK OXIDATION INKS

¿Advisable/Needed?	No
Preliminary file	-
LPI	-
Plate	-
Plate size	-
Machine	-

Dampening values

Circuit temp.	-
Water temp.	-
Alcohol	-
PH	-

Conductivity	-
Water additive	-
Ink range	-

Color density	
C	-
M	-
Y	-
K	-
Caliper	-
Printing pressure	-
Blanket height	-
Ink resistance	-
Scratch resistance	-
Hinge resistance	-
Varnish?	-
Notes	-

H-UV

Suitable for H-UV?	Yes
Preliminary file	PDF
LPI	210
Plate	Energy Elite Pro
Plate size	800x1030
Machine	Komori LS 640

Dampening values

Circuit temp.	28º
Water temp.	10º
Alcohol	3%
PH	5

Conductivity	2560 ms
Water additive	Acedin plano 4105
Ink range	Tipolit - New Set HS

Color density	
C	1,05
M	1,10
Y	0,80
K	1,25
Caliper	0,18 mm
Printing pressure	0,18 mm
Blanket height	1,20 mm
Ink resistance	Very High
Scratch resistance	Very High
Hinge resistance	Yes
Varnish?	-
Notes	-

HP INDIGO

Suitable for HP Indigo?	Yes
Preliminary file	PDF

Machine	HP Indigo 12000
¿Primer Needed?	Yes

Microns used	150
Printing mode	One-Shot
Drying separation	3
Cleaning frequency	200 sheets

Ink resistance	High
Scratch resistance	High
Hinge resistance	Yes
Varnish?	-
Notes	-

DIGITAL TONER

Suitable for Digital Toner?	Yes
Preliminary file	PDF

Machine	Ricoh C7100X
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Master catalogue	WH Textured
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Weight	105 - 163
Type of paper	Normal
Paper color	White
Textured	Activated

Max. Density	0
Fusion temp.	143
Voltage	-65 uA

J080 Detection	Activated
Color Voltage	- kV
BW Voltage	- kV

Ink resistance	Very High
Scratch resistance	Very High
Hinge resistance	Yes
Varnish?	-
Notes	-

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Masterblank Blanco 135 Ref. 0404275

OFFSET	
Suitable for Offset?	Yes
Preliminary file	PDF
LPI	210
Plate	Energy Elite Pro
Plate size	800x1030
Machine	Komori LS 640
Dampening values	
Circuit temp.	28º
Water temp.	10º
Alcohol	3%
PH	5
Conductivity	2620 ms
Water additive	Acedin plano 4105
Ink range	Sakata - Ecopure SP
Color density	
C	1,05
M	1,15
Y	0,75
K	1,25
Caliper	0,17 mm
Printing pressure	0,17 mm
Blanket height	1,20 mm
Ink resistance	High
Scratch resistance	Very High
Hinge resistance	Yes
Varnish?	-
Notes	-

QUICK OXIDATION INKS	
¿Advisable/Needed?	No
Preliminary file	-
LPI	-
Plate	-
Plate size	-
Machine	-
Dampening values	
Circuit temp.	-
Water temp.	-
Alcohol	-
PH	-
Conductivity	-
Water additive	-
Ink range	-
Color density	
C	-
M	-
Y	-
K	-
Caliper	-
Printing pressure	-
Blanket height	-
Ink resistance	-
Scratch resistance	-
Hinge resistance	-
Varnish?	-
Notes	-

H-UV	
Suitable for H-UV?	Yes
Preliminary file	PDF
LPI	210
Plate	Energy Elite Pro
Plate size	800x1030
Machine	Komori LS 640
Dampening values	
Circuit temp.	28º
Water temp.	10º
Alcohol	3%
PH	5
Conductivity	2560 ms
Water additive	Acedin plano 4105
Ink range	Tipolit - New Set HS
Color density	
C	1,05
M	1,10
Y	0,80
K	1,25
Caliper	0,17 mm
Printing pressure	0,17 mm
Blanket height	1,20 mm
Ink resistance	High
Scratch resistance	Very High
Hinge resistance	Yes
Varnish?	-
Notes	-

HP INDIGO	
Suitable for HP Indigo?	Yes
Preliminary file	PDF
Machine	HP Indigo 12000
¿Primer Needed?	No
Microns used	140
Printing mode	Multi-Shot
Drying separation frequency	2
Cleaning	125 sheets
Ink resistance	High
Scratch resistance	High
Hinge resistance	Yes
Varnish?	-
Notes	-

DIGITAL TONER	
Suitable for Digital Toner?	Yes
Preliminary file	PDF
Machine	Ricoh C7100X
Master catalogue	None
Weight	105 - 163
Type of paper	Normal
Paper color	White
Textured	Activated
Max. Density	2
Fusion temp.	143
Voltage	-110 uA
J080 Detection	Activated
Color Voltage	- kV
BW Voltage	- kV
Ink resistance	Very High
Scratch resistance	Very High
Hinge resistance	Yes
Varnish?	-
Notes	-

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Masterblank Lino 270 – Face Up Ref. 0400274

OFFSET	
Suitable for Offset?	Yes
Preliminary file	PDF
LPI	210
Plate	Energy Elite Pro
Plate size	800x1030
Machine	Komori LS 640
Dampening values	
Circuit temp.	28º
Water temp.	10º
Alcohol	3%
PH	5,5
Conductivity	2980 ms
Water additive	Acedin plano 4105
Ink range	Sakata - Ecopure SP
Color density	
C	0,95
M	1,00
Y	0,90
K	1,10
Caliper	0,39 mm
Printing pressure	0,26 mm
Blanket height	0,90 mm
Ink resistance	High
Scratch resistance	Very High
Hinge resistance	Yes
Varnish?	-
Notes	-

QUICK OXIDATION INKS	
¿Advisable/Needed?	No
Preliminary file	-
LPI	-
Plate	-
Plate size	-
Machine	-
Dampening values	
Circuit temp.	-
Water temp.	-
Alcohol	-
PH	-
Conductivity	-
Water additive	-
Ink range	-
Color density	
C	-
M	-
Y	-
K	-
Caliper	-
Printing pressure	-
Blanket height	-
Ink resistance	-
Scratch resistance	-
Hinge resistance	-
Varnish?	-
Notes	-

H-UV	
Suitable for H-UV?	Yes
Preliminary file	PDF
LPI	210
Plate	Energy Elite Pro
Plate size	800x1030
Machine	Komori LS 640
Dampening values	
Circuit temp.	28º
Water temp.	10º
Alcohol	3%
PH	5
Conductivity	2560 ms
Water additive	Acedin plano 4105
Ink range	Tipolit - New Set HS
Color density	
C	1,05
M	1,10
Y	0,80
K	1,25
Caliper	0,37 mm
Printing pressure	0,37 mm
Blanket height	1,20 mm
Ink resistance	High
Scratch resistance	Very High
Hinge resistance	Yes
Varnish?	-
Notes	-

HP INDIGO	
Suitable for HP Indigo?	Yes
Preliminary file	PDF
Machine	HP Indigo 12000
¿Primer Needed?	Yes
Microns used	400
Printing mode	Multi-Shot
Drying separation	2
Cleaning frequency	125 sheets
Ink resistance	High
Scratch resistance	Very High
Hinge resistance	Yes
Varnish?	-
Notes	-

DIGITAL TONER	
Suitable for Digital Toner?	Yes
Preliminary file	PDF
Machine	Ricoh C7100X
Master catalogue	WH Plain
Weight	300 - 360
Type of paper	Normal
Paper color	White
Textured	Activated
Max. Density	3
Fusion temp.	172
Voltage	-60 uA
J080 Detection	Activated
Color Voltage	- kV
BW Voltage	- kV
Ink resistance	Very High
Scratch resistance	Very High
Hinge resistance	Yes
Varnish?	-
Notes	-

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Masterblank Lino 270 – Face Down Ref. 0400274

OFFSET	
Suitable for Offset?	Yes
Preliminary file	PDF
LPI	210
Plate	Energy Elite Pro
Plate size	800x1030
Machine	Komori LS 640
Dampening values	
Circuit temp.	28º
Water temp.	10º
Alcohol	3%
PH	5
Conductivity	2620 ms
Water additive	Acedin plano 4105
Ink range	Sakata - Ecopure SP
Color density	
C	1,05
M	1,15
Y	0,75
K	1,25
Caliper	0,39 mm
Printing pressure	0,39 mm
Blanket height	1,20 mm
Ink resistance	High
Scratch resistance	Very High
Hinge resistance	Yes
Varnish?	-
Notes	-

QUICK OXIDATION INKS	
¿Advisable/Needed?	No
Preliminary file	-
LPI	-
Plate	-
Plate size	-
Machine	-
Dampening values	
Circuit temp.	-
Water temp.	-
Alcohol	-
PH	-
Conductivity	-
Water additive	-
Ink range	-
Color density	
C	-
M	-
Y	-
K	-
Caliper	-
Printing pressure	-
Blanket height	-
Ink resistance	-
Scratch resistance	-
Hinge resistance	-
Varnish?	-
Notes	-

H-UV	
Suitable for H-UV?	Yes
Preliminary file	PDF
LPI	210
Plate	Energy Elite Pro
Plate size	800x1030
Machine	Komori LS 640
Dampening values	
Circuit temp.	28º
Water temp.	10º
Alcohol	3%
PH	5
Conductivity	2560 ms
Water additive	Acedin plano 4105
Ink range	Tipolit - New Set HS
Color density	
C	1,05
M	1,10
Y	0,80
K	1,25
Caliper	0,37 mm
Printing pressure	0,37 mm
Blanket height	1,20 mm
Ink resistance	High
Scratch resistance	Very High
Hinge resistance	Yes
Varnish?	-
Notes	-

HP INDIGO	
Suitable for HP Indigo?	Yes
Preliminary file	PDF
Machine	HP Indigo 12000
¿Primer Needed?	Yes
Microns used	400
Printing mode	Multi-Shot
Drying separation frequency	2
Cleaning	125 sheets
Ink resistance	High
Scratch resistance	High
Hinge resistance	Yes
Varnish?	-
Notes	-

DIGITAL TONER	
Suitable for Digital Toner?	Yes
Preliminary file	PDF
Machine	Ricoh C7100X
Master catalogue	WH Plain
Weight	300 - 360
Type of paper	Normal
Paper color	White
Textured	Activated
Max. Density	3
Fusion temp.	172
Voltage	-60 uA
J080 Detection	Activated
Color Voltage	14 kV
BW Voltage	12 kV
Ink resistance	Very High
Scratch resistance	Very High
Hinge resistance	Yes
Varnish?	-
Notes	-

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For Novaflex, please refer to any Guaflex (Intenso excluded) in order to see the printing suggestions like varnish or stacking.

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Opalina Satinada Ref. 0401585

OFFSET	
Suitable for Offset?	Yes
Preliminary file	PDF
LPI	210
Plate	Energy Elite Pro
Plate size	800x1030
Machine	Komori LS 640
Dampening values	
Circuit temp.	28º
Water temp.	10º
Alcohol	3%
PH	5
Conductivity	2620 ms
Water additive	Acedin plano 4105
Ink range	Sakata - Ecopure SP
Color density	
C	1,05
M	1,15
Y	0,75
K	1,25
Caliper	0,24 mm
Printing pressure	0,24 mm
Blanket height	1,20 mm
Ink resistance	Medium
Scratch resistance	Very High
Hinge resistance	Yes
Varnish?	-
Notes	-

QUICK OXIDATION INKS	
¿Advisable/Needed?	No
Preliminary file	-
LPI	-
Plate	-
Plate size	-
Machine	-
Dampening values	
Circuit temp.	-
Water temp.	-
Alcohol	-
PH	-
Conductivity	-
Water additive	-
Ink range	-
Color density	
C	-
M	-
Y	-
K	-
Caliper	-
Printing pressure	-
Blanket height	-
Ink resistance	-
Scratch resistance	-
Hinge resistance	-
Varnish?	-
Notes	-

H-UV	
Suitable for H-UV?	Yes
Preliminary file	PDF
LPI	210
Plate	Energy Elite Pro
Plate size	800x1030
Machine	Komori G40P
Dampening values	
Circuit temp.	28º
Water temp.	10º
Alcohol	0%
PH	5
Conductivity	1800 ms
Water additive	Acedin plano 4105
Ink range	Tipolit - New Set HS
Color density	
C	0,95
M	1,00
Y	0,90
K	2,00
Caliper	0,24 mm
Printing pressure	0,24 mm
Blanket height	0,60 mm
Ink resistance	High
Scratch resistance	Very High
Hinge resistance	Yes
Varnish?	-
Notes	-

HP INDIGO	
Suitable for HP Indigo?	Yes
Preliminary file	PDF
Machine	HP Indigo 12000
¿Primer Needed?	No, but optional
Microns used	200
Printing mode	Multi-Shot
Drying separation	4
Cleaning frequency	125 sheets
Ink resistance	High
Scratch resistance	Very High
Hinge resistance	Yes
Varnish?	-
Notes	-

DIGITAL TONER	
Suitable for Digital Toner?	Yes
Preliminary file	PDF
Machine	Ricoh C7100X
Master catalogue	WH Xerox Colotech
Weight	220 - 256
Type of paper	Normal
Paper color	White
Textured	Disabled
Max. Density	2
Fusion temp.	140
Voltage	-70 uA
J080 Detection	Disabled
Color Voltage	- kV
BW Voltage	- kV
Ink resistance	Very High
Scratch resistance	Very High
Hinge resistance	Yes
Varnish?	-
Notes	-

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OFFSET	
Suitable for Offset?	Yes
Preliminary file	PDF
LPI	210
Plate	Energy Elite Pro
Plate size	800x1030
Machine	Komori LS 640
Dampening values	
Circuit temp.	28º
Water temp.	10º
Alcohol	3%
PH	5
Conductivity	2620 ms
Water additive	Acedin plano 4105
Ink range	Sakata - Ecopure SP
Color density	
C	1,05
M	1,15
Y	0,75
K	1,25
Caliper	0,14 mm
Printing pressure	0,14 mm
Blanket height	1,20 mm
Ink resistance	Very High
Scratch resistance	Very High
Hinge resistance	Yes
Varnish?	-
Notes	-

QUICK OXIDATION INKS	
¿Advisable/Needed?	No
Preliminary file	-
LPI	-
Plate	-
Plate size	-
Machine	-
Dampening values	
Circuit temp.	-
Water temp.	-
Alcohol	-
PH	-
Conductivity	-
Water additive	-
Ink range	-
Color density	
C	-
M	-
Y	-
K	-
Caliper	-
Printing pressure	-
Blanket height	-
Ink resistance	-
Scratch resistance	-
Hinge resistance	-
Varnish?	-
Notes	-

H-UV	
Suitable for H-UV?	Yes
Preliminary file	PDF
LPI	210
Plate	Energy Elite Pro
Plate size	800x1030
Machine	Komori LS 640
Dampening values	
Circuit temp.	28º
Water temp.	10º
Alcohol	3%
PH	5
Conductivity	2560 ms
Water additive	Acedin plano 4105
Ink range	Tipolit - New Set HS
Color density	
C	1,05
M	1,10
Y	0,80
K	1,25
Caliper	0,14 mm
Printing pressure	0,14 mm
Blanket height	1,20 mm
Ink resistance	Very High
Scratch resistance	Very High
Hinge resistance	Yes
Varnish?	-
Notes	-

HP INDIGO	
Suitable for HP Indigo?	Yes
Preliminary file	PDF
Machine	HP Indigo 12000
¿Primer Needed?	Yes
Microns used	120
Printing mode	Multi-Shot
Drying separation	4
Cleaning frequency	125 sheets
Ink resistance	Low
Scratch resistance	Low
Hinge resistance	Yes
Varnish?	-
Notes	-

DIGITAL TONER	
Suitable for Digital Toner?	Yes
Preliminary file	PDF
Machine	Ricoh C7100X
Master catalogue	None
Weight	105 - 163
Type of paper	Normal
Paper color	White
Textured	Activated
Max. Density	2
Fusion temp.	143
Voltage	-110 uA
J080 Detection	Activated
Color Voltage	- kV
BW Voltage	- kV
Ink resistance	High
Scratch resistance	Medium
Hinge resistance	Yes
Varnish?	-
Notes	-

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OFFSET	
Suitable for Offset?	Yes
Preliminary file	PDF
LPI	210
Plate	Energy Elite Pro
Plate size	800x1030
Machine	Komori LS 640
Dampening values	
Circuit temp.	28º
Water temp.	10º
Alcohol	3%
PH	5
Conductivity	2620 ms
Water additive	Acedin plano 4105
Ink range	Sakata - Ecopure SP
Color density	
C	1,05
M	1,15
Y	0,75
K	1,25
Caliper	0,18 mm
Printing pressure	0,18 mm
Blanket height	1,20 mm
Ink resistance	Very High
Scratch resistance	Very High
Hinge resistance	Yes
Varnish?	-
Notes	-

QUICK OXIDATION INKS	
¿Advisable/Needed?	No
Preliminary file	-
LPI	-
Plate	-
Plate size	-
Machine	-
Dampening values	
Circuit temp.	-
Water temp.	-
Alcohol	-
PH	-
Conductivity	-
Water additive	-
Ink range	-
Color density	
C	-
M	-
Y	-
K	-
Caliper	-
Printing pressure	-
Blanket height	-
Ink resistance	-
Scratch resistance	-
Hinge resistance	-
Varnish?	-
Notes	-

H-UV	
Suitable for H-UV?	Yes
Preliminary file	PDF
LPI	210
Plate	Energy Elite Pro
Plate size	800x1030
Machine	Komori G40P
Dampening values	
Circuit temp.	28º
Water temp.	10º
Alcohol	0%
PH	5
Conductivity	1800 ms
Water additive	Acedin plano 4105
Ink range	Tipolit - New Set HS
Color density	
C	0,95
M	1,00
Y	0,90
K	1,10
Caliper	0,13 mm
Printing pressure	0,13 mm
Blanket height	0,60 mm
Ink resistance	Very High
Scratch resistance	Very High
Hinge resistance	Yes
Varnish?	-
Notes	-

HP INDIGO	
Suitable for HP Indigo?	Yes
Preliminary file	PDF
Machine	HP Indigo 12000
¿Primer Needed?	Yes
Microns used	100
Printing mode	Multi-Shot
Drying separation	3
Cleaning frequency	125 sheets
Ink resistance	High
Scratch resistance	High
Hinge resistance	Yes
Varnish?	-
Notes	-

DIGITAL TONER	
Suitable for Digital Toner?	Yes
Preliminary file	PDF
Machine	Ricoh C7100X
Master catalogue	Xerox Colotech
Weight	163 - 220
Type of paper	Normal
Paper color	White
Textured	Disabled
Max. Density	0
Fusion temp.	171
Voltage	-82 uA
J080 Detection	Disabled
Color Voltage	- kV
BW Voltage	- kV
Ink resistance	Very High
Scratch resistance	Very High
Hinge resistance	Yes
Varnish?	-
Notes	-

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OFFSET	
Suitable for Offset?	Yes
Preliminary file	PDF
LPI	210
Plate	Energy Elite Pro
Plate size	800x1030
Machine	Komori LS 640
Dampening values	
Circuit temp.	28º
Water temp.	10º
Alcohol	3%
PH	5
Conductivity	2620 ms
Water additive	Acedin plano 4105
Ink range	Sakata - Ecopure SP
Color density	
C	1,05
M	1,15
Y	0,75
K	1,23
Caliper	0,16 mm
Printing pressure	0,16 mm
Blanket height	1,20 mm
Ink resistance	Very High
Scratch resistance	Very High
Hinge resistance	Yes
Varnish?	-
Notes	-

QUICK OXIDATION INKS	
¿Advisable/Needed?	No
Preliminary file	-
LPI	-
Plate	-
Plate size	-
Machine	-
Dampening values	
Circuit temp.	-
Water temp.	-
Alcohol	-
PH	-
Conductivity	-
Water additive	-
Ink range	-
Color density	
C	-
M	-
Y	-
K	-
Caliper	-
Printing pressure	-
Blanket height	-
Ink resistance	-
Scratch resistance	-
Hinge resistance	-
Varnish?	-
Notes	-

H-UV	
Suitable for H-UV?	Yes
Preliminary file	PDF
LPI	210
Plate	Energy Elite Pro
Plate size	800x1030
Machine	Komori LS 640
Dampening values	
Circuit temp.	28º
Water temp.	10º
Alcohol	3%
PH	5
Conductivity	2560 ms
Water additive	Acedin plano 4105
Ink range	Tipolit - New Set HS
Color density	
C	1,05
M	1,10
Y	0,80
K	1,25
Caliper	0,15 mm
Printing pressure	0,15 mm
Blanket height	1,20 mm
Ink resistance	High
Scratch resistance	Very High
Hinge resistance	Yes
Varnish?	-
Notes	-

HP INDIGO	
Suitable for HP Indigo?	Yes
Preliminary file	PDF
Machine	HP Indigo 12000
¿Primer Needed?	No
Microns used	150
Printing mode	Multi-Shot
Drying separation frequency	4
Cleaning	125 sheets
Ink resistance	High
Scratch resistance	Low
Hinge resistance	Yes
Varnish?	-
Notes	-

DIGITAL TONER	
Suitable for Digital Toner?	Yes
Preliminary file	PDF
Machine	Ricoh C7100X
Master catalogue	None
Weight	105 - 163
Type of paper	Normal
Paper color	White
Textured	Activated
Max. Density	2
Fusion temp.	143
Voltage	-110 uA
J080 Detection	Activated
Color Voltage	- kV
BW Voltage	- kV
Ink resistance	Very High
Scratch resistance	Very High
Hinge resistance	Yes
Varnish?	-
Notes	-

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OFFSET	
Suitable for Offset?	Yes
Preliminary file	PDF
LPI	210
Plate	Energy Elite Pro
Plate size	800x1030
Machine	Komori LS 640
Dampening values	
Circuit temp.	28º
Water temp.	10º
Alcohol	3%
PH	5
Conductivity	2620 ms
Water additive	Acedin plano 4105
Ink range	Sakata - Ecopure SP
Color density	
C	1,05
M	1,15
Y	0,75
K	1,25
Caliper	0,40 mm
Printing pressure	0,40 mm
Blanket height	1,20 mm
Ink resistance	High
Scratch resistance	Very High
Hinge resistance	Yes
Varnish?	-
Notes	-

QUICK OXIDATION INKS	
¿Advisable/Needed?	No
Preliminary file	-
LPI	-
Plate	-
Plate size	-
Machine	-
Dampening values	
Circuit temp.	-
Water temp.	-
Alcohol	-
PH	-
Conductivity	-
Water additive	-
Ink range	-
Color density	
C	-
M	-
Y	-
K	-
Caliper	-
Printing pressure	-
Blanket height	-
Ink resistance	-
Scratch resistance	-
Hinge resistance	-
Varnish?	-
Notes	-

H-UV	
Suitable for H-UV?	Yes
Preliminary file	PDF
LPI	210
Plate	Energy Elite Pro
Plate size	800x1030
Machine	Komori LS 640
Dampening values	
Circuit temp.	28º
Water temp.	10º
Alcohol	3%
PH	5
Conductivity	2560 ms
Water additive	Acedin plano 4105
Ink range	Tipolit - New Set HS
Color density	
C	0,95
M	1,00
Y	0,75
K	1,15
Caliper	0,40 mm
Printing pressure	0,40 mm
Blanket height	1,20 mm
Ink resistance	High
Scratch resistance	Very High
Hinge resistance	Yes
Varnish?	-
Notes	-

HP INDIGO	
Suitable for HP Indigo?	No
Preliminary file	PDF
Machine	HP Indigo 12000
¿Primer Needed?	-
Microns used	-
Printing mode	-
Drying separation	-
Cleaning frequency	-
Ink resistance	-
Scratch resistance	-
Hinge resistance	-
Varnish?	-
Notes	-

DIGITAL TONER	
Suitable for Digital Toner?	Yes
Preliminary file	PDF
Machine	Ricoh C7100X
Master catalogue	WH Plain
Weight	300 - 360
Type of paper	Normal
Paper color	White
Textured	Activated
Max. Density	3
Fusion temp.	172
Voltage	-60 uA
J080 Detection	Disabled
Color Voltage	- kV
BW Voltage	- kV
Ink resistance	Very High
Scratch resistance	Very High
Hinge resistance	Yes
Varnish?	-
Notes	-

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