

material: 100% cotton – 50% recycled/50% organic and 30% recycled/70% organic

light colour fabrics

	WATERBASE/PLASTISOL SCREEN PRINT	DISCHARGE PRINT	SCREEN TRANSFER	DTF	DTG
OVERALL	★★★★★	★★★	★★★★★	★★★★★	★★★★★
REMARK	TEST BEFORE PRODUCTION	Discharge on very light colour fabric results in limited print visibility. TEST BEFORE PRODUCTION	Bigger printed area might give stiffer handfeel TEST BEFORE PRODUCTION	Bigger printed area might give stiffer handfeel TEST BEFORE PRODUCTION	TEST BEFORE PRODUCTION
RECOMMENDED CURING MODE	Dryer conveyor	Dryer conveyor	Heat press To avoid press marks : adapt press settings (temperature, time, bars), use baking paper for protection, plate cover to limit sharp edges, etc	Heat press To avoid press marks : adapt press settings (temperature, time, bars), use baking paper for protection, plate cover to limit sharp edges, etc	Dryer conveyor If using heat press, avoid press marks by using correct press settings and use baking paper for protection, plate cover to limit sharp edges, etc
CURING TEMPERATURE SETTING*	WATERBASE: 160 - 175°C PLASTISOL: 145 - 160°C	160 - 180°C	Follow your transfere supplier's instructions. Suggested settings : 140°C	Follow your transfere supplier's instructions. Suggested settings : 140°C	160 - 175°C
CURING TIME*	WATERBASE: 2 - 4 min (depending on no. of layers, amount of ink applied, etc.) PLASTISOL: 1 - 2 min	2 - 3 min	Follow your transfere supplier's instructions. Suggested settings : 140°C / 12-16 sec / 4-5 bars press 2 times for better durability	Follow your transfere supplier's instructions. Suggested settings : 140°C / 12-16 sec / 4-5 bars press 2 times for better durability	wet on dry 3 ½ min wet on wet 7 min
PRE-TREATMENT	N/A	N/A	N/A	N/A	For DTG machines without intergrated pre-treatment: Use of pre-treatment : - for white colour print - pre-treatment is required - for other colours - pre-treatment is an option, but we do recommend pre-treatment, as print colours will be more saturated and brighter The quantity of pretreatment solution: depends on the artwork & fabric surface - for print with white base layer: more pretreatment is required than w/out base layer - for heavier fabrcs (ex. sweatshirts): more pre-treatment is required than for lighter fabrics (ex. t-shirt) It is recommended to flatten the fibers by heat pressing before printing

★★★★★ Best print result

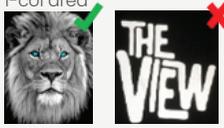
★ Not satisfactory print result

N/A : Not applicable

* Iqoniq Printing Recom. are based on average equipment performance and must be tested and adjusted to decorator's own machinery.

material: 100% cotton – 50% recycled/50% organic and 30% recycled/70% organic

black and french navy colour fabrics

	WATERBASE/PLASTISOL SCREEN PRINT	DISCHARGE PRINT	SCREEN TRANSFER	DTF	DTG
OVERALL	★★★★★	★★★★★	★★★★★	★★	★★
REMARK	<p>ANTI-MIGRATION layer (blocker) must be used. This will ensure brighter print colour and avoid colour migration from recycled cotton impurities</p> <p>We recommend to use Plastisol inks for bigger 1-col prints as they better cover cotton impurities.</p>  <p>TEST BEFORE PRODUCTION</p>	<p>Check the level of discoloring for each colour before production</p> <p>Clear discharge is not recommended as impurities from recycled cotton can occur.</p> <p>TEST BEFORE PRODUCTION</p>	<p>ANTI-MIGRATION layer (blocker) must be used. This will ensure brighter print colour and avoid colour migration from recycled cotton impurities</p> <p>Hybrid transfer is also recommended (combination of screen print with blocker and CMYK print)</p> <p>Bigger printed area might give stiffer handfeel</p> <p>TEST BEFORE PRODUCTION</p>	<p>DTF is not recommended on Black and Navy colour fabrics containing recycled cotton as ANTI-MIGRATION layer can not be used.</p> <p>DTF could only be used for specific detailed artworks w/out bigger 1-col area</p>  <p>Bigger printed area might give stiffer handfeel</p> <p>TEST BEFORE PRODUCTION</p>	<p>DTG is not recommended on Black and Navy colour fabrics containing recycled cotton as ANTI-MIGRATION layer can not be used.</p> <p>DTG could only be used for specific detailed artworks w/out bigger 1-col area</p>  <p>TEST BEFORE PRODUCTION</p>
RECOMMENDED CURING MODE	Dryer conveyor	Dryer conveyor	Heat press To avoid press marks : adapt press settings (temperature, time, bars), use baking paper for protection, plate cover to limit sharp edges, etc	Heat press To avoid press marks : adapt press settings (temperature, time, bars), use baking paper for protection, plate cover to limit sharp edges, etc	Dryer conveyor If using heat press, avoid press marks by using correct press settings and use baking paper for protection, plate cover to limit sharp edges, etc
CURING TEMPERATURE SETTING*	WATERBASE: 160 - 175°C PLASTISOL: 145 - 160°C	160 - 170°C	Follow your transfere supplier's instructions. Suggested settings : 140°C	Follow your transfere supplier's instructions. Suggested settings : 140°C	160 - 175°C
CURING TIME*	WATERBASE: 2 - 4 min (depending on no. of layers, amount of ink applied, etc.) PLASTISOL: 1 - 2 min	2 - 3 min	Follow your transfere supplier's instructions. Suggested settings : 140°C / 12-16 sec / 4-5 bar press 2 times for better durability	Follow your transfere supplier's instructions. Suggested settings : 140°C / 12-16 sec / 4-5 bars press 2 times for better durability	wet on dry 3 ½ min wet on wet 7 min
PRE-TREATMENT	N/A	N/A	N/A	N/A	Pre-treatment is required for all types of artworks and cols. The quantity of pretreatment solution depends on the artwork & fabric surface: - print with white base layer: more pretreatment is required than w/out base layer - for heavier fabrics (ex. sweatshirts): more pre-treatment is required than for lighter fabrics (ex. t-shirt) It is recommended to flatten the fibers by heat pressing before printing

★★★★★ Best print result

★ Not satisfactory print result

N/A : Not applicable

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material: 100% cotton – 50% recycled/50% organic and 30% recycled/70% organic

dark and mid colour fabrics (excl. black and french navy)

	WATERBASE/PLASTISOL SCREEN PRINT	DISCHARGE PRINT	SCREEN TRANSFER	DTF	DTG
OVERALL	★★★★★	★★★★★	★★★★★	★★★★	★★★★
REMARK	<p>Some fabrics with heavy saturated dyes (ex. burgundy, royal blue, anthracite, etc) can cause colour migration into the print. If printing white or light colour artwork on those fabrics, we recommend to use ANTI-MIGRATION layer (blocker). This will ensure bright print result.</p>  <p>TEST BEFORE PRODUCTION</p>	<p>Check the level of discoloring for each colour before production</p> <p>Some undyed colours don't discharge completely.</p> <p>TEST BEFORE PRODUCTION</p>	<p>Some fabrics with heavy saturated dyes (ex. burgundy, royal blue, anthracite, etc) can cause colour migration into the print. If printing white or light colour artwork on those fabrics, we recommend to use ANTI-MIGRATION layer (blocker). This will ensure brighter print result.</p> <p>TEST BEFORE PRODUCTION</p> <p>Bigger printed area might give stiffer handfeel</p>	<p>Some fabrics with heavy saturated dyes (ex. burgundy, royal blue, anthracite, etc) can cause colour migration into the print. If printing white or light colour artwork on those fabrics, we recommend not to use DTF but switch to Screen Transfer and use ANTI-MIGRATION layer (blocker)</p> <p>TEST BEFORE PRODUCTION</p> <p>Bigger printed area might give stiffer handfeel</p>	<p>Some fabrics with heavy saturated dyes (ex. burgundy, royal blue, anthracite, etc) can cause colour migration into the print. Avoid printing bigger white or light colour artwork on those fabrics.</p> <p>TEST BEFORE PRODUCTION</p>
RECOMMENDED CURING MODE	Dryer conveyor	Dryer conveyor	Heat press To avoid press marks : adapt press settings (temperature, time, bars), use baking paper for protection, plate cover to limit sharp edges, etc	Heat press To avoid press marks : adapt press settings (temperature, time, bars), use baking paper for protection, plate cover to limit sharp edges, etc	Dryer conveyor If using heat press, avoid press marks by using correct press settings and use baking paper for protection, plate cover to limit sharp edges, etc
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PRE-TREATMENT	N/A	N/A	N/A	N/A	Pre-treatment is required for all types of artworks and cols. The quantity of pretreatment solution depends on the artwork & fabric surface: - print with white base layer: more pretreatment is required than w/out base layer - for heavier fabrics (ex. sweatshirts): more pre-treatment is required than for lighter fabrics (ex. t-shirt) It is recommended to flatten the fibers by heat pressing before printing

★★★★★ Best print result

★ Not satisfactory print result

N/A : Not applicable

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dark and mid colour fabrics

light colour fabrics

COLOUR NAME

COLOUR CODE

■ anthracite	019
■ black	001
■ burgundy	007
■ digital lavender	011
■ forest green	005
■ french navy	002
■ heather anthracite	014
■ heather blue	024
■ heather borwn	017
■ heather green	015
■ heather navy	016
■ iceberg green	023
■ khaki	020
■ light heather anthracite	034
■ light heather blue	042
■ luscious red	008
■ ochre yellow	021
■ red	029
■ royal blue	025
■ silver grey	035
■ sky blue	022
■ storm grey	027
■ tranquile blue	010
■ verdigris green	009
■ vulcano heather grey	028

COLOUR NAME

COLOUR CODE

■ beige	030
■ cloud pink	039
■ cream yellow	036
■ crushed mint	037
■ desert	006
■ heather grey	013
■ ivory white	040
■ light grey	031
■ light heather green	033
■ light heather grey	032
■ light heather brown	041
■ natural	026
■ natural raw	018
■ peach nectar	038
□ white	004