

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

## light colour fabrics

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

# black and french navy colour fabrics

|                             |   |  |  |  |
|-----------------------------|---|--|--|--|
| SPECIAL NOTE                | <p>Please note that we encounter <b>migration issues with the first batches of Black and French Navy colours</b> in the styles Bryce, Yosemite, Zion, Kruger, Jasper, Yoho and Cooper. Therefore, these garments in these specific 2 colours are challenging to print.</p> <p><b>Except for embroidery, we recommend not to decorate these styles in Black or French Navy yourself, especially with big 1-col print artworks. We cannot take any responsibility if you print these colours yourself (or with a 3rd party printer) in case the outcome is not satisfactory.</b></p> <p>We strongly encourage you to order the garments from us <b>including decoration</b> as we use a specific technique to overcome migration caused by recycled impurities.</p> <p>Please rest assured that we are tirelessly working to enhance our recycled knitted fabrics to accommodate all printing techniques for all styles/colors and thank you for being part of our mission.</p> |  |  |  |
| OVERALL                     | <div> <div>INHOUSE</div> <div>COMBI TRANSFER</div> </div> <div>★★★★★</div>  |  |  |  |
| PRINTING REMARK             |   |  | <div>Hybrid transfere must be used to avoid colour migration from recycled impurities</div> <div>It is a combination of blocker layer (printed by screen printing) and digital print (CMYK)</div> <div>Bigger printed area might give stiffer handfeel</div> |  |
| RECOMMENDED CURING MODE     |   |  | <div>Heat press</div> <div>To avoid press marks : adapt press settings (temperature, time, bars), use baking paper for protection, plate cover to limit sharp edges, etc</div>   |  |
| CURING TEMPERATURE SETTING* |   |  | 140°C  |  |
| CURING TIME*                |   |  | 140°C / 12-16 sec / 4-5 bar<br>press 2 times for better durability   |  |
| PRE-TREATMENT               |   |  | N/A  |  |

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

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

|   | WATERBASE/PLASTISOL<br>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<br>To avoid press marks : adapt press settings (temperature, time, bars), use baking paper for protection, plate cover to limit sharp edges, etc   | Heat press<br>To avoid press marks : adapt press settings (temperature, time, bars), use baking paper for protection, plate cover to limit sharp edges, etc  | Dryer conveyor<br>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<br>PLASTISOL: 145 – 160°C   | 160 – 180°C  | Follow your transfere supplier's instructions.<br>Suggested settings : 140°C  | Follow your transfere supplier's instructions.<br>Suggested settings : 140°C   | 160 – 175°C  |
| CURING TIME*  | WATERBASE: 2 – 4 min<br>(depending on no. of layers, amount of ink applied, etc.)<br>PLASTISOL: 1 – 2 min  | 2 – 3 min  | Follow your transfere supplier's instructions.<br>Suggested settings :<br>140°C / 12-16 sec / 4-5 bar<br>press 2 times for better durability  | Follow your transfere supplier's instructions.<br>Suggested settings :<br>140°C / 12-16 sec / 4-5 bar<br>press 2 times for better durability   | wet on dry 3 ½ min<br>wet on wet 7 min   |
| PRE-TREATMENT   | N/A  | N/A  | N/A   | N/A  | <p>Pre-treatment is required for all types of artworks and cols. The quantity of pretreatment solution depends on the artwork &amp; fabric surface:</p> <ul style="list-style-type: none"> <li>– print with white base layer: more pretreatment is required than w/out base layer</li> <li>– for heavier fabrics (ex. sweatshirts): more pre-treatment is required than for lighter fabrics (ex. t-shirt)</li> </ul> <p>It is recommended to flatten the fibers by heat pressing before printing</p> |
| ★★★★★ 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. |  |  |   |  |  |

## 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 |