

DIGIPEEL HD110

PRODUCT DATA

Substance	106 g/m ²	-
Thickness	103 µm	ISO 534 Method
Bulk	- cm ³ /g	-
Gloss BYK 75°	42,0 %	TAPPI T480 Method
Size	45 x 32 cm or 48,3 x 33 cm	
Packing	500 sheets / pack 30 000 sheets / pallet	

PRINTING PROCESS: DIGITAL LASER AND SCREEN PRINTING

Printing method	Laser printing on laser colour printers or laser colour copiers Screen printing with water-based or plastisol backing (catalyst to be added) + adhesive layer or powder if washing resistance needed
Printing side	Top side of the paper (1 side coated paper)
Backing	Water-based or Plastisol (catalyst to be added)
Drying temperature recommended	145 °C / 290 °F during 45 sec.

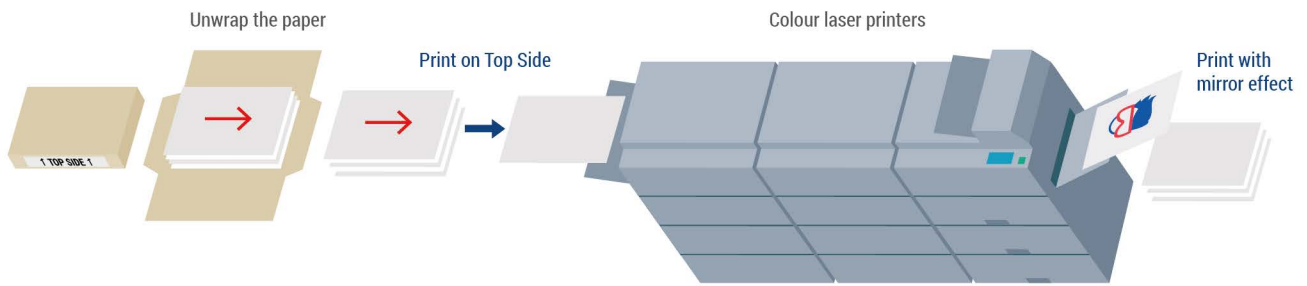
TRANSFER PROCESS: COLD PEEL

Transfer temperature recommended	Water-based backing: 130-160 °C / 260-320 °F Plastisol backing: 150 °C / 300 °F
Transfer pressure recommended	Water-based backing: 1,5-2,0 bars / 20-30 psi during 12 sec. Plastisol backing: 3,0-3,5 bars / 45-50 psi during 15 sec.
Release time recommended	15 sec. (Cold peel)

Conditions of use generally recommended for a good quality result.
It is recommended to consult with your ink supplier for additional information regarding all settings.
In all cases a trial is advisable to optimise conditions to your process.

DIGITAL LASER TRANSFER FOR TEXTILE

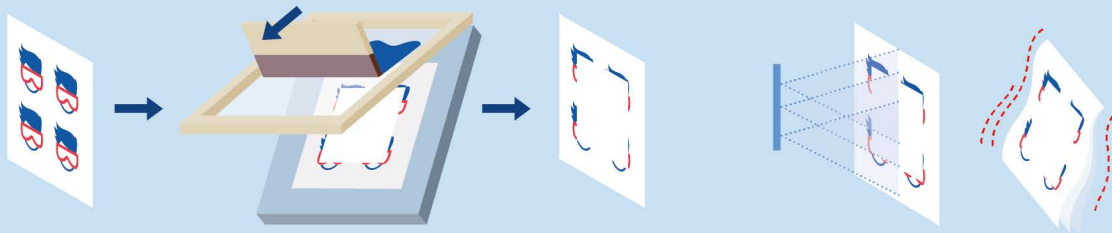
STEP 1



STEP 2

Screen print white or clear backing wider than laser printing (around 0,5 mm)

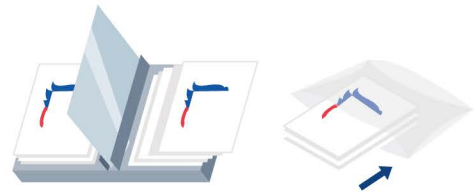
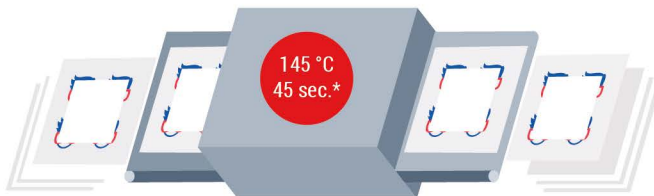
"Spray" hot melt powder, shake to remove excess



STEP 3

Cure the screen printed backing and hot melt powder in a drying tunnel

Cut and wrap the printed sheets in a sealed plastic bag



* Average. To adapt according to the equipments and backing used

STEP 4

Heat press

