

FX transfer Application guide

The instructions in this application guide apply to all our FX transfer effects such as reflective or black blocking.



Quickstart

The table applies to
Transmatic heat presses.

Workwear

Heat: 165°C
Pressure: 6 bar (plate 38x38)
Time: 10 seconds
Works equally well for hot and cold peel

Other garments

Heat: 150°C
Pressure: 6 bar (plate 38x38)
Time: 10 seconds
Works equally well for hot and cold peel

How to optimize the FX transfer.

GARMENT TYPE	TEMP	TIME	PRESSURE	MATERIAL CONSISTS OF
Sportswear or garments in similar synthetic material	150 - 160°	10 sec	See below	Polyester/polyester blends
Workwear	165 - 190°	10 sec	See below	Cotton, polyamide, or blended materials
Nylon*	160 - 170°	10 sec	See below	Polyamide or blends with polyamide
Liner-garments and coated fabrics	150 - 165°	10 sec	See below	Coated garments
Coated garments	165 - 180°	10 sec	See below	Coated garments
Rainwear (PVC-coated)*	140 - 150°	10 sec	See below	Rainwear (PVC-coated)
Rainwear (membrane-coated)**	140 - 150°	10 sec	See below	Rainwear (membrane-coated)

* Nylon garments: some garments can be heated at a lower temperature, but you need to test this.

** Rainwear: sometimes a higher temperature may be required, but you need to test this.

Temperature

- Our transfer can be applied at lower temperatures if the material requires it.
- Our transfer achieves good washability within the above temperature ranges, but to further increase washability, use the highest temperature!
- Generally, the higher the temperature, the better the washability. The transfer itself can handle higher temperatures and longer durations, but the fabric should determine what is appropriate.

Time

Want to optimize application time?

In many cases, our transfer can often be applied in less than 10 seconds. For advice, please contact our sales support!

When should I reheat or increase application time?

If you want to increase washability for higher temperature washes and tumble drying (e.g., workwear), we recommend reheating for 2-5 seconds or equivalently increasing the application time. We also recommend reheating for reflective transfers.

Pressure

Sufficiently high pressure between the plates in the heat press is necessary to optimize adhesion and washability. Adjust the air pressure in the machine according to the size of the plate to achieve the correct pressure. Excessively high pressure rarely damages the fabric or transfer, but the surface of the transfer may be affected by the texture of the fabric.

PLATE	BAR
38 x 38 cm	6 bar
38 x 15 cm	4 bar
15 x 15 cm	2 bar

The table applies to Transmatic heat presses.

Do you need help?

Would you like more tips on things to consider – see **Tips & Tricks** on the next page.

Contact our internal sales department:

Phone: 033-178810 E-mail: transfer@acgaccent.se



Tips & Trix

The instructions in this application guide apply to all our effects EC, HD, RX, and BB that we offer for our FX transfer.

Preheating

- If you suspect the garment may shrink, preheat it for at least 5 seconds before applying the transfer.
- Preheating may also be necessary for more challenging workwear to create a better surface for the transfer to adhere properly.

Hot or Cold peel

- Generally, our transfer works equally well with both hot and cold peel.
- Our FX RX reflective transfer is always cold peel, but there are other circumstances where cold peel is preferable, such as on treated surfaces.

Migration

- Some materials, like softshell garments and sublimated sportswear (polyester garments), tend to "bleed," i.e., migrate through the transfer. Our FX transfer resists migration in most cases, but to completely prevent this, we offer an add-on called FX Black Blocking, available for all heat transfers.
- Contact our sales support for advice and more information.

Is my garment suitable for heat transfer?

- Check with the garment's manufacturer, as they are a good source of information.
- If information is lacking, we can assist by testing the material through wash tests. If necessary, we can also help with migration tests.
- Contact our sales support for garment or textile testing, and we'll be happy to assist.