Flextrans

Flextrans ist ideal für Sportbekleidung, Lycra oder Stretch-Stoffe wie Polohemden, T-Shirts und Sweatshirts.

Flextrans



For more detailed press instructions for Flextrans on various fabrics, click here.

OEKO TEX®
STANDARD 100
1110043
Centexbel

Description

Flextrans is a heat seal transfer that flexes with the fabric. The transfer consists of a carrier foil onto which an image has been printed by silk screen printing with an additional glue layer for the adhesion to textile. Flextrans is compliant to Oekotex 100, class I, under certificate number 1110043 Centexbel.

Application

Because of its flexibility, Flextrans transfers are ideal for sportswear, Lycra garments and various other fabrics with a stretch. It is not especially developed for workwear applications. For workwear we refer to Truflex as the transfer of choice.

Properties

Flextrans is wash resistant up to 60 °C mild coloured home washing. Suitable for all textiles which allow the thermoplastic adhesive to penetrate and bind itself to it and which are resistant to its application temperatures.

Physical properties

Various, depending on size.

Limitations of use

None, when care label instructions of the underlying textile are followed. Please note: Flextrans is not suitable for industrial laundry processes.

Available media for Flextrans

Available in highly visible orange, green, red, pink, yellow and full color.

Before sealing

Ensure that the to be marked textile is free of lint, dust, dirt. No seams, zippers, buttons etc.should be near the location where the heat sealing will be performed.
Remark: Good bonding can be prevented in pre-conditioned fabrics with a dirt or water repellant coating such as fluor carbon finishes or flame retardant finishes.

Heat seal instructions

Type	Temperature °C	Time seconds	Pressure kg/cm2*	Washing
Flextrans	150°C	15	0,5	60 °C

Make sure that the sealing plate of the machine is clean and undamaged. Position the Flextrans transfer with the glue side downwards, onto the garment. Close the heat seal press with the set temperature, time and pressure.
* *For an optimal heat sealing result we advise to set the pressure on any large platen pneumatic heat seal press to 3-5 bar on the pressure regulator of the machine, when using the standard issued underplaten. When using smaller underplatens, decrease pressure to avoid damage to the transfers.*

- Preferably leave the garment to cool down for a few seconds so the heated glue can set,before taking it off the machine and peeling off the polyester carrier foil
- Pre-sealing can amend problems with adhesion on certain repelling or flame retardant coated textiles
- Re-sealing, with baking paper covering the transfer, for another 7-10 seconds is recommended for an optimal heat sealing result.

Precautions

No specific safety measures are required when working with this product. We advise to ventilate well at heat sealing activities, since vapours may occur from any textiles being processed.

Hazards identification

The product has not been subjected to classification following the European legislation. Special

hazards designation for humans and environment: Not applicable.

Cleaning

Flextrans transfers are suitable for a domestic wash up to a maximum temperature of 60 °C.

Handling and storage

Keep away from oxidizing agents, from strongly alkaline en strongly acid materials. Store out of direct sunlight, in a cool and dry place.
Shelflife: 1 year (12 months) when stored in their original packing, out of direct sunlight, in a cool and dry place.

Exposure controls / personal protection

Ensure a sufficient amount of fresh air when there is a risk of release of fumes, for instance when heating the product.
Personal protection equipment:

- For the hands: None
- For the eyes: None
- For the skin: None
- For breathing: None

Disclaimer

This information is based on the current state of our knowledge. It is however, no guarantee of product features and no contractual relationship.

Flextrans Transfers (up to 60 °C home wash)			
Type of fabric	**Temp. °C**	**Pressing time in sec.**	**Pressure in Bar Low/Medium/High**
Fleece, 100% Polyester	150	12	4-5 (Medium/High)
Polyurethane or PVC coated polyester (rainwear), cover with baking paper	135 – 150	15	2 – 3 (Low)
Knitted fabrics, 100% polyester, viscose, acrylic (Sportswear, light workwear)	150 Repress	12 7-10	4-5 (Medium/High)
Knitted fabrics, 100% wool, cotton (Sportswear, light workwear)	155 – 165 Repress	15 7-10	4-5 (Medium/High)
Knitted fabrics, cotton or polyester with elastane 98%/2%	Preheat 135 – 150	10 15	2-3 (Low)
Cotton or polyester cotton 65%/35%	150	15	4-5 (Medium/High)
Flame-retardant cotton or polyester cotton (FR treated, Proban®)	Preheat 150	7-10 15	4-5 (Medium/High)
Cotton/polyamide 55%/45%	150	15	4-5 (Medium/High)
Cotton/polyester 65%/35% or 60%/40% (with DWR finish)*	150	15	4-5 (Medium/High)
Aramid/Viscose 50%/50%	150	15	4-5 (Medium/High)
Linen, 100%	150	15	4-5 (Medium/High)
Aramid (Nomex III), 100%	150	15	4-5 (Medium/High)
Polyamide (Nylon), 100% (with DWR finish)*	150	15	4-5 (Medium/High)
Polyester 100% (with DWR finish)*	–	–	–
Polyester Cleanroom material anti-static 99%/1%	Preheat 150	7-10 18	4-5 (Medium/High)

**DWR finish: Durable Water Repellent finish, meaning a water (dirt, oil) repellent coating on textiles based on silicone, nanotechnology, wax, and fluorocarbon.*
FR: Flame Retardant

Disclaimer

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