

Sublifix

运动服通常使用升华印刷技术生产，将油墨添加到聚酯织物上，使其完整。这种技术的主要优点是使服装轻，且颜色明亮和生动。缺点是当应用转移到这种类型的服装，它更困难，因为油墨迁移的风险。

Sublifix 灵活且质量好，有一个额外的阻挡层，防止油墨迁移（升华）。如Flextrans或Truflex由于颜色“渗透”而不能使用□Sublifix是理想的解决方案。

Sublifix保证鲜艳的颜色和高分辨率的图像。这种转移几乎可以是任何PMS里的颜色，以及高光的橙色、绿色、红色、粉色和黄色。

Sublifix



For more detailed press instructions for Sublifix on various fabrics, click [here](#).



Description

Sublifix is a heat seal transfer that has been developed for application on polyester, and other fabrics with bleeding due to free dye stuff migration properties. This type of transfer is fitted with an additional dye blocking layer.

Thermopatch strongly recommends testing on textiles where migration of free dye stuff can be expected. Examples are dispersion dyed polyester soft shell fabrics with elastane, polyester mix textiles, or polyesters with prints made by dye sublimation techniques.

Sublifix transfers are compliant to Oeko Tex 100 Class 1, under certificate number 1110043 Centexbel.

Application

Silk screen printed transfers which are applied to textile or other heat sealable materials by heat and pressure for decoration or identification.

Properties

- Washable up to 40°C domestic washing and drying
- Anti migration blocking properties against bleeding from free dye stuff from textiles. Suitable for all textiles which allow the thermoplastic adhesive to penetrate and bind itself to it and which are resistant to its application temperatures.

Limitations of use

None, when washing instructions of the underlying textile are followed.

Physical properties

Various, depending on size.

Before sealing

Ensure that the to be marked textile is free of lint, dust, dirt and no seams, zipper, buttons etc. are near the place where the heat sealing will be performed.

Heat seal instructions

Type	Temperature °C	Time seconds	Pressure kg/cm2*	Washing
Sublifix	145 – 155 °C	15	0,5	40 °C

Position the Sublifix transfer with the glue side downwards, onto the garment. Close the heat seal press with the set temperature, time and pressure.

Remove the carrier directly after the machine opens up.

** Pre-heating of polyester or polyamide fabric is recommended, for 5 – 7 seconds at the set temperature, to remove shrinking of the textile by contact with the heating platen, which can damage any transfer. *Covering transfers with baking paper is recommended due to the risk of static cling to the heating plate due to the properties of polyester and polyamide and -mix fabrics.*

** Good bonding can be prevented in pre-conditioned repelling fabric with DWR-coating. Re-sealing at the set temperatures for another 5 – 7 seconds, covered with baking paper or the removed carrier, can alleviate problems with adhesion on most repelling fabrics.*

** 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 underplate. When using smaller underplates, decrease pressure to avoid damage to the transfers.*

Sublifix has hot peel properties which means that the applied transfer foil can be peeled off almost immediately after opening the press. Leave the garment to cool down for a few seconds before taking it off the machine and peel off the polyester carrier foil.

Handling and storage

Keep away from oxidising agents, from strongly alkaline and strongly acidic materials. Store out of direct sunlight, in a cool and dry place.

Shelflife: 1 year when stored in their original packing, out of direct sunlight, in a cool and dry place.

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 material such as textiles being processed.

Exposure controls / personal protection

We advise to ventilate well at heat sealing activities, since vapours may occur from any textiles being processed.

Personal protection equipment:

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

Hazards identification

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

Special hazards designation for humans and environment: Not applicable.

Disclaimer

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

Recommended restrictions apply

This product should not be used for purposes other than specified.

Sublifix Transfers (for anti-sublimation and anti-migration, up to 40 °C)			
Type of fabric	Temp. °C	Pressing time in sec.	Pressure in Bar Low/Medium/High
Softshell	145 - 155	15	3 (Low)
Sublimated polyester (100%)	145	15	4 (Medium/High)