

TEXTILE APPLICATIONS

INSTRUCTIONS FOR USE

Suitable ink systems

Water-based dye sublimation inks.

Process parameters

TEMPERATURE

For dye sublimation transfer with S-RACE® higher calendering temperatures are beneficial. For best results we recommend to use a transfer temperature of 205°C to 210 °C. Using this temperature will enhance the transfer quality e.g. optical densities and line sharpness.

TRANSFER TIME

Sublimating with S-RACE® at 205°C to 210 °C only needs a transfer time of 25–40 sec. for optimal results:

› S-RACE® Look 55	55 g/m ²	25 sec.
› S-RACE® Active 75	75 g/m ²	30 sec.
› S-RACE® Active Protect 80	80 g/m ²	30 sec.
› S-RACE® Tacky Protect 80	80 g/m ²	30 sec.
› S-RACE® Tacky 100	100 g/m ²	35 sec.
› S-RACE® Allround 100	100 g/m ²	35 sec.
› S-RACE® Tacky Protect 105	105 g/m ²	35 sec.
› S-RACE® Allround Protect 105	105 g/m ²	35 sec.
› S-RACE® Allround 130	130 g/m ²	40 sec.

If a lower transfer temperature is required the transfer time has to be increased.

*Please note: The above is a general recommendation.
Results can vary per fabric. Testing is essential.*

Storage

Store material only in original packaging under normal climatic conditions (23°C, 50 % RH). Protect material from direct sunlight. It is recommended to adapt the material to indoor climate at least 24 hours before usage.

HARD SUBSTRATE APPLICATIONS

INSTRUCTIONS FOR USE

Suitable ink systems

Water-based dye sublimation inks.

Recommended S-RACE® papers

- › S-RACE® Vivid 120 | 120 g/m² (A4 | A3 | A3+ sheets)
- › S-RACE® Photo Panel Pro 120 | 120 g/m²
- › S-RACE® Allround 130 | 130 g/m²

Process parameters

For dye sublimation transfer with S-RACE® on hard substrates testing is essential. For most applications we recommend a transfer temperature of ca. 190°C. Time and pressure depend on size, material and shape of the substrate. We recommend to follow the instructions given by the original substrate supplier.

For photo panel applications from ChromaLuxe® or Unisub® please check the support portal: www.starttosublimite.com

Please note: The above is a general recommendation. Results can vary per individual case. The yellowish side of the paper is the printing side. Do not print on the brighter side.

Storage

Store material only in original packaging under normal climatic conditions (23°C, 50 % RH). Protect material from direct sunlight. It is recommended to adapt the material to indoor climate at least 24 hours before usage.