

TECHNICAL DATA SHEET



J15120 | S-RACE® | 120 g/m²
Microporous Coated Sublimation Paper

PRODUCT SPECIFICATION*

Grammage	120 g/m ² ± 6 g/m ²
Thickness	147 µm ± 6 µm 5.8 mil ± 0.25 mil

KEY APPLICATIONS

- › Especially designed for hard substrates
- › For all sublimation desktop printers (such as Sawgrass, Epson or Ricoh)
- › Transfer on photo panels (e.g. ChromaLuxe®), ceramic mugs or tiles, polyester-coated hard substrates such as glass, fibreglass, boards, etc. and mouse pads as well as polyester textiles

BENEFITS & PROPERTIES

- › Brilliant image quality
- › Extremely fast drying
- › Excellent line sharpness
- › Superb and quick transfer properties
- › Outstanding lay-flat performance
- › Exceptional quality consistency
- › S-RACE® logo on non-printable side

S-RACE® J15120

Format / Quantity

A4 100, 200, 1000 sheets	A3 A3+ 100, 200, 1000 sheets
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Width (cm)	Roll length (m)	Core	Roll diameter (mm)
33.0 43.2 61.0 63.0	55	2 Inch	120
91.4 111.8	80	3 Inch	150
111.8 132.0 162.0	110	3 Inch	170

Further widths, lengths and core sizes are available on request, also jumbo rolls.

i Please note: the top side (yellowish side) is the printing side. The backside is printed with the S-RACE® logo.

Directions for use

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.

* Modifications reserved.

HARD SUBSTRATE APPLICATIONS

DIRECTIONS FOR USE



SUITABLE INK SYSTEMS

Water-based sublimation inks.

RECOMMENDED S-RACE® PAPERS

- › J15105 | 100 g/m²
- › J15130 | 130 g/m²
- › J15120 (A4 | A3 | A3+ sheets) | 120 g/m²
- › J15125 (A4 | A3 | A3+ sheets) | 125 g/m²

PROCESS PARAMETERS

TEMPERATURE

For sublimation transfer with S-RACE® higher transfer temperatures are beneficial. For best results we recommend to use a transfer temperature of **205°C** (max. 190°C by using Sawgrass SubliJet-HD dye-sublimation ink). Using this temperature will enhance the transfer quality, e.g. colour densities and line sharpness.

TRANSFER TIME & PRESSURE

	Temp.	Time	Pressure
› Metal plates e.g. Chromaluxe	205 °C	90 ± 30 sec	Medium*
› Fiberglas	205 °C	60 ± 15 sec	Medium
› Ceramic mugs	205 °C	3 ± 1 min	Heavy
› Ceramic Tiles	205 °C	6 ± 1 min	Light-Medium
› Plaques	205 °C	60 ± 15 sec	Medium
› Glass	205 °C	5 ± 1 min	Medium-Heavy
› Hard boards	205 °C	60 ± 15 sec	Medium
› Mouse pads	205 °C	60 ± 15 sec	Medium

*To minimise possible blurriness or mottling a nonwoven fabric can be used on the reverse side of the transfer paper.

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

i Please note: The above is a general recommendation. Results can vary per individual case. Testing is essential.

i The yellowish side is the printing side. Don't 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.

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