

DTEC 121SP-v3 Polymer Transparent Gloss

Product Description

DTEC 121SP-v3 is a transparent gloss polymeric self-adhesive vinyl with a permanent, clear solvent, adhesive. Designed for digital printing and gives a very good printing performance on large format inkjet printers. DTEC 121SP-v3 is intended for long term outdoor advertising or promotion on flat or slight curved surfaces.

Technical Data

Facefilm	75µ transparent gloss, polymeric vinyl
Adhesive	Permanent transparent solvent acrylic adhesive
Release liner	White PE coated paper liner 145g / m ²
Adhesive strength	~ 18,7 N / 25 mm
Flammability	Self-extinguishing when applied on aluminum panel
Temperature	- 30°C to + 80°C, application temp: > 10°C
Printability	Eco-solvent, UV, Latex inks
Shelf life	2 years when stored at 15 to 25°C and ± 50 % relative humidity (in original packaging)
Durability	5-7 years outdoor, unprinted film, vertical exposure, middle-European climate

Printing guidelines

Allow material to adapt to room conditions for 24 hours before printing. Print conditions: Best results are obtained between 15-25°C and 35-60% RH. DTEC 121SP-v3 is especially designed for eco-solvent, mild-solvent, UV and Latex printing on large format inkjet printers. The PE coated release liner ensures high quality & high resolution print results due to its moisture stability and its optimized thermal conduction. Print results will vary for different printer ink combinations. Ink restrictions and heater setting have to be set for specific printer ink combinations to obtain the best results. To achieve the best possible print quality, please make sure that the correct ICC profiles or printer settings are used.

Lamination guidelines

Only pressure sensitive laminates are recommended for outdoor usage. Lamination will improve the UV resistance of the print and protects it against abrasion and colour fading. We recommend the use of our laminating film DTEC 221SP-v3 gloss or DTEC 223SP-v3 matt. Let the prints dry for at least 48h before laminating it. Drying of the graphics can be accelerated by passing a cold air flow over the print by means of an air blower mounted at the bottom of a drying fan.

Application guidelines

Optimal bonding properties are obtained on smooth and flat, dirt-and grease-free surfaces. Fresh lacquered surfaces should not be used for the application of the vinyl film. Pretesting the adhesive onto unknown surfaces is strongly advised. When applying temperature should be higher as 10°C. Removal of media at 15-25°C.

Disclaimer

All technical data and advice is based on our experience and measured testing that we believe to be reliable. It remains the customer's responsibility to test our products suitability for the purpose intended. The quality of our products is regularly examined, upgraded and developed. We reserve the right, without prior notice, to adjust, upgrade and improve the chemical structures or physical characteristics of their products in accordance with their latest knowledge.