

## DTEC 120P/120PG Polymer Printvinyl White Gloss

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### Product Description

High quality, white gloss, conformable polymeric print vinyl with a permanent adhesive. REACH and RoHS compliant. This material has been specifically designed for excellent digital printing performance on large-format inkjets and is suitable for printing with eco-solvent and solvent inks, Latex inks as well as UV-cured inks. Due to its grey adhesive DTEC 120PG also offers excellent opacity. The media is intended for long-term indoor and outdoor applications such as markings & decorations and vehicle graphics.

Specifications	
<b>Face film</b>	80µm, polymeric vinyl
<b>Adhesive</b>	Pure acrylic, grey adhesive, permanent for 120PG Pure acrylic, transparent adhesive, permanent for 120P
<b>Release Liner</b>	PE-coated release paper white, 140g /m <sup>2</sup>
<b>Adhesive weight</b>	20g /m <sup>2</sup>
<b>Printability</b>	Solvent, Eco-solvent, UV and Latex inks
<b>Application temp.</b>	Min 10°C
<b>Shelf Life</b>	2 years when stored at 15 to 25°C and ± 50 % relative humidity (in original packaging)
<b>Durability</b>	7 years, in middle-European climate

### Physical Properties

Properties	Average values	Test method
Adhesion on steel after 24h	11 N / 25mm	AFERA 5001
Dimension Stability MD	< -3%	FTM 14
Dimension Stability CD	< 0%	FTM 14
<b>Flammability</b>	Self-extinguishing when applied on Alu panels	DIN 72500
<b>Temperature ranges</b>		
Minimum application temperature:	+ 10°C	
Service temperature range:	- 30°C to + 70°C	

### **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. 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 221 Gloss** or **DTEC 225 Lustre**. 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.

### **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.