

Technical Fact Sheet



Polyart Digital SPI

Polyart Digital synthetic paper provides a top-of-the range matt finish that is water and tear resistant and suitable for indoor and outdoor applications. It is specially designed for use on HP Indigo digital presses. Polyart's unique clay coating ensures print quality that is vivid and colourful.



Features

- Synthetic paper
- Certified for HP Indigo 5000 and 5600 series
- HP Indigo coating on both sides
- Good opacity, high dimensional stability
- Unique combination – the qualities of paper linked to the many advantages of plastic
- Water, oil and tear resistant

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- Indoor and outdoor applications
- Suitable for folding, perforating, pre-creasing, varnishing, foiling, embossing and sewing
- Recyclable with other polyolefin
- Polyart® is resistant to seawater, making it perfect for drum labels, shipping labels, etc
- Suitable for all applications which must resist frequent handling, humidity and outdoor environments

Spicers Key Icons

[Download Spicer's icons](#)

Application Text

- Bar-coded labels
- Maps
- Membership cards
- Menus
- Posters
- Tags & labels

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- Technical manuals

Printing Tips

- Ready to use: no special treatment needed before printing
- Can withstand extreme heat & cold, remaining dimensionally stable up to 60°C/140°F and down to -60°C/-76°F
- Due to its good UV resistance and weathering characteristics, Polyart® will not shrink or become brittle.
- Polyart® has no grain direction; easily conforms to bottles, and increases its foldability
- Resistant to oily substances and most chemical products (i.e. ammonia, caustic soda, isopropyl alcohol)
- No static issues
- Note: not suitable for dry toner.

Important Note

All statements, technical information and recommendation are based on tests we believe to be reliable, but the accuracy or completeness thereof is not guaranteed, and the following is made in lieu of all warranties of merchantability and fitness for the purpose: Sellers and manufacturer's only obligation shall be to replace such quantity of the product proved to be defective. Before using, user shall determine the suitability of the product for its intended use, and user assumes all risk and liability whatsoever in connection therewith.

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Print Process

- HP Indigo certified

Size Availability

Colour

White

GSM

124, 224, 274

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Technical Data

Properties	Method	Unit			
Basis weight	ISO 536	g/m ²	124	224	274
Thickness	DIN 53770	Um	170	287	340
Density		g/m ³	0.73	0.78	0.80
Whiteness	ISO 2470	%	90	90	90
Opacity	DIN 53146	%	97	98	98
Tensile strength MD	ISO 527-3	N/mm ²	MD 44	MD 41	MD 38
		N/mm ²	TD 36	TD 29	TD 27

Manufactured from high-density polyethylene (HDPE)