



## TECHNICAL DATA SHEET

## PermaPaper® HPI (For HP Indigo)

Synthetic PaperMatte, Both Side Coated, Roll/Sheet Form

### DESCRIPTION

It is a co-extruded, high white opaque, both sides matte coated polypropylene based film which resembles paper in appearance

### FEATURES

- Non – tearable
- Moisture resistance
- Dimensionally stable
- Excellent printability
- Recyclable
- Writeable with pencils and oil based pens
- Printable both sides by conventional and UV offset, water and UV flexo, letterpress, screen, HP Latex and thermal transfer printing.
- Certified for HP Indigo presses - multi-shot mode & one shot mode
- Can be folded, sheeted, stapled, hot foil stamped, die – punched, serrated, adhesive bonded and perforated (for perforation always keep tie length ≤ 0.5 mm & cut portion ≥ 2 mm.)
- The PermaPaper HPI (For HP Indigo) is recyclable.\*

### APPLICATIONS

- Commercial Printing – maps, calendars, brochures, Menu cards, flip charts, children books
- Tags and Labels – Garment hang tags, horticulture identification tags, Tree tags, cattle identification tags, baggage tags, Glass bottle labels, food & pharma packaging labels, etc.
- Retail & Packaging – POP graphics, posters, dangles, indoor billboards, banners, backlit displays
- Identification & Credentials – visiting cards, identity Cards, marksheets & certificates, legal documents
- Outdoor – outdoor billboards, frontlit & backlit Displays, train station & Airport signages

### TYPICAL VALUES

Properties	Ref.	Units	ASTM#/Test Method	PermaPaper® HPI - For HP Indigo							
Physical Data											
Average Thickness		Mills	D-374-C	6.0	8.0	10.0	12.0	14.0	16.0	18.0	20.0
		Gauge		608	820	1016	1220	1424	1624	1828	2040
		micron		152	205	254	305	356	400	435	510
Average Substance		g/m2		108.5	152.5	182.5	210.5	242.5	286.5	321.5	344.5
Thickness Variation		% (+)		5							
Yield		m²/Kg	D-4321	9.21	6.55	5.47	4.75	4.12	3.49	3.11	2.90
		in²/lb		6475	4605	3845	3339	2896	2453	2186	2039
Optical Data											
Gloss (45°)	Both Side	gardner	D-2457	5.0 - 7.0							
Opacity		%	Hunter Lab D25-2CR	> 90							
Whiteness Index		%	E-313	> 90							
Mechanical Data											
Tensile Strength	MD	kg/cm²	D-882	550 - 650							
	TD			1100 - 1300							
Elongation	MD	%	D-882	130 - 180							
	TD			20 - 40							

TM : Test Method

MD : Machine Direction

TD : Transverse Direction

Disclaimer : The information provided above is based on PermaPapers conclusive tests, which are indicative only and provided as guidelines. They do not constitute a guarantee of any specific product attributes or the suitability of products for specific applications. Storage condition: Maintain room temperature in between 20 - 25 °C & relative humidity 40 - 55 %.

\*contact [sales@permapaper.co.uk](mailto:sales@permapaper.co.uk) for more information