



UniSyn Near Dead Opaque Synthetic Paper - O2S



MGX-4359 13" x 19"
 MGX-4360 20" x 28"
 MGX-4361 20.8" x 29.5"

Description

- A polypropylene-based, near-dead white opaque synthetic paper with a proprietary matte top-coated surface.
- Printable both sides by conventional and UV offset, water and flexo, letterpress, screen, HP Latex, and thermal transfer printing.
- 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).

Applications

- Commercial Printing - Maps, calendars, brochures, menu cards, flip charts, children's books
- Tags & Labels - garment tags, baggage tags, horticulture ID tags, tree tags, cattle ID tags, glass bottle labels, food & pharma packaging labels
- ID & Credentials - Visitor cards, ID cards, marksheets, certificates, and legal documents
- Retail & Packaging - POP graphics, posters, danglers, indoor billboards, banners, and back-lit displays
- Outdoor - outdoor billboards, front-lit and back-lit displays, train station and airport signage

Features

- Non-tearable
- Dimensionally stable
- Excellent printability
- High opacity
- Writeable with pencils and oil-based pens
- Certified for HP Indigo presses - multi-shot mode

Provisional Data Sheet

Properties	Ref.	Units	ASTM#/Test Method	CSPR-2 (M) OBTC / CSPS-2 (M) OBTC		
Physical Data						
Average Thickness		Mills	D-374-C	6.0	8.0	10.0
		Gauge		608	820	1016
		micron		152	205	254
Average Substance		g/m ²		110.7	147.8	180.8
Thickness Variation		% (\pm)		5		
Yield		m ² /Kg	D-4321	9.0	6.7	5.5
		in ² /lb		6327	4710	3866
Optical Data						
Gloss (45°)	Both Side	gardner	D-2457	5.0 - 7.0		
Opacity		%	Hunter Lab D25 - 2CR	100		
Whiteness Index		%	E-313	> 8		
Mechanical Data						
Tensile Strength	MD	kg/cm ²	D-882	550 - 650		
	TD			1100 - 1300		
Elongation	MD	%	D-882	130 - 180		
	TD			20 - 40		

MD : Machine

TD : Transverse Direction

Product Performance and Suitability Disclaimer

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