



# .012 UniSyn Synthetic Paper - O2S

MGX-3774 13" x 19"

MGX-3814 20" x 28"

MGX-4024 20.8" x 29.5"

1500 FENPARK DRIVE, FENTON, MO 63026 P: 636.349.6401 F: 636.349.6402 MGXDIGITAL.COM SALES@MGXDIGITAL.COM

- A co-extruded, white opaque, both sides matte coated polypropylene film that resembles paper in appearance.
- Superior tensile and tear strength
- Writable with pencils and oil-based pens
- Printable on both sides by conventional and UV offset, water-based and UV flexo, letterpress, screen, thermal transfer, HP Indigo, and UV inkjet
- Can be folded, sheeted, stapled, hot-foil stamped, die-punched, serrated, and adhesive bonded
- Non-tearable
- Moisture resistance
- Oil and chemical resistance
- Dimensionally stable
- Excellent printability
- Excellent folding endurance
- Recyclable

PROPERTIES	UNIT	ASTM TEST METHOD	TYPICAL VALUES					
Average Thickness	Mils	D-374-C	6	8	10	12	14	16
	Micron		152	203	254	304	355	406
	GSM		123	164	205	246	288	329
Thickness Variation	% (±)		5					
Surface Tension (min) both sides	dynes/cm	D-2578	≥38					
Gloss (45°)	gardner	D-2457	6.1-6.7					
Opacity	%	Hunter Lab D25-2CR	≥90			≥95		
Whiteness Index	%	E-313	>90					
Tensile Strength	MD	D-882	550-600			600-650		
	TD		1100-1200			1200-1300		

### Product Performance and Suitability Disclaimer

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