



**.010 UniSyn Synthetic Paper - O2S**

MGX-3523 13" x 19"

MGX-3686 20" x 28"

MGX-4025 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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