



**MGX-3774 - 13" X 19"**  
**MGX-3814 - 20" X 28"**  
**MGX-4024 - 20.8" X 29.5"**  
**MGX-3772 - 28" X 40"**

**12 mil UniSyn™ Synthetic Paper**



**DESCRIPTION:**

MGX's UniSyn™ is a white polypropylene film that is tear resistant & moisture resistant with a paper-like appearance. It is writable with pencils and oil-based pens, and offers superior printability on both sides using various printing methods such as conventional and UV offset, water-based and UV flexo, letterpress, screen, thermal transfer, HP Indigo, and UV inkjet. Additionally, it can be easily folded, sheeted, stapled, hot-foil stamped, die-punched, serrated, and adhesive bonded.

**APPLICATIONS:**

Menus, Posters • Signage • Shelf Talkers • Danglers • Tags • Wristbands • ID & Insurance Cards  
 Certificates & Documents • Manuals

| Physical Properties   | Measure                                | Actual Value | Test Method        |
|-----------------------|----------------------------------------|--------------|--------------------|
| Thickness             | mils                                   | 10 (±5%)     | ASTM D-374-C       |
| Surface Tension       | dynes/cm                               | >38          | ASTM D-2578        |
| Gloss (45°)           | gardner                                | 6.1-6.7      | ASTM D-2457        |
| Opacity               | %                                      | >95          | Hunter Lab D25-2CR |
| Whiteness Index       | %                                      | >90          | ASTM E-313         |
| Tensile Strength (MD) | kg/cm <sup>2</sup>                     | 600-650      | ASTM D-882         |
| Tensile Strength (TD) | kg/cm <sup>2</sup>                     | 1200-1300    | ASTM D-882         |
| Recycle Code          |                                        |              |                    |
| Regulatory Compliancy | RoHS, REACH, CA Prop 65, Indirect Food |              |                    |

Product Performance and Suitability Disclaimer: All information, recommendations and suggestions contained herein, including, without limitations, stated values (collectively the "Information") shall be used only as a guide by Purchaser and not for specification or any other purpose. The Information does not constitute a warranty nor guaranty of any type whatsoever. Purchaser should independently determine the suitability of all material purchased and must confirm adaptability and other characteristics by conducting its own test. MGX shall have no liability as a result of any loss, expense, damage, cost or other injury which results from Purchaser's reliance on the Information.