

# **Technical Data Sheet**

## UltraMesh® Premium 328

UltraMesh® Premium 328 is a 10 oz. coated polyester mesh banner substrate that was engineered for building wraps, fence graphics, barricade graphics, and a variety of other indoor and outdoor graphic applications. UltraMesh® Premium 328 is REACH compliant and has a premium white coating which, provides vivid graphic production and consistent color management from batch to batch, using both solvent and UV inks. With roll sizes of 126" and 196" w x 328' l, UltraMesh® Premium 328 is the choice for professional print service providers that are seeking to improve throughput efficiency and reduce seam frequency in grand format mesh applications.

#### **Material Details**

| CHARACTERISTICS           | TEST METHOD             | METRIC                   | ENGLISH            |  |
|---------------------------|-------------------------|--------------------------|--------------------|--|
| Support Cloth             | DIN ISO 2076            | Polyester                |                    |  |
| Yard dtex                 | DIN EN ISO 2060         | 1100 x 1100 dtex         | 1000 x 1000 denier |  |
| Coating Type              |                         | Р                        | VC                 |  |
| Total Weight              | DIN EN ISO 2286-2       | 340 g/m <sup>2</sup>     | 10 oz/yd²          |  |
| Tensile Strength          | DIN EN ISO 1421         | 2400 x 1500 N/5cm        | 273 x 171 lbs/in   |  |
| Tear Strength (warp/weft) | DIN 53363               | 300 x 250 N              | 67 x 56 lbs        |  |
| Air Permeability          | Din EN ISO 9237         | 1400 l/m <sup>2</sup> /s |                    |  |
| Percentage of Opening     | 30%                     |                          |                    |  |
| Fire Resistance           | NFPA701, Title 19, CSFM |                          |                    |  |

## **Applications**

|              | Building | Fence    | Stadium  | Barricade | Street   | Indoor   | Outdoor  |
|--------------|----------|----------|----------|-----------|----------|----------|----------|
|              | Wraps    | Graphics | Graphics | Graphics  | Graphics | Graphics | Graphics |
| Applications |          |          |          |           |          |          |          |

### Ink Printability

| Solvent | Eco     | UV | Latex | Screen   | Dye      | Dye    |
|---------|---------|----|-------|----------|----------|--------|
|         | Solvent |    |       | Printing | Transfer | Direct |
|         |         |    |       |          |          |        |

### **Available Sizes**

| Metric (m)  | English (inches) |
|-------------|------------------|
| 3.2m x 100m | 126" x 328'      |
| 5.0m x 100m | 196" x 328'      |

Key: ■ - Excellent □ - Good

The information on physical and chemical characteristics is based upon tests believed to be reliable. The values are intended only as a source of information. A legally binding guarantee of specific properties is not to be inferred from our specifications. They are given without guaranty and do not constitute a warranty. The purchaser should independently determine, prior to use, the suitability of this material for his/her specific purpose. (Data represents averages and is not intended for use as a specification.)

