

UltraMesh® Premium 100 is a 10 oz. coated, polyester mesh banner substrate that is engineered for building wraps, fence graphics, barricade graphics and a variety of indoor and outdoor applications. UltraMesh Premium 100 allows 30% air-flow through and is REACH compliant. The material has a premium white coating which provides vivid graphic production and consistent color management from batch to batch. UltraMesh Premium 100 is compatible for use with solvent, eco-solvent, UV, Latex and screen printing. Available in widths of 126" and 196".

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 | | PVC | |
| Total Weight | DIN EN ISO 2286-2 | 340 g/m ² | 10 oz/yd ² |
| 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 ² /s | |
| RF Weldable (Heat Sealable) | DIN 53354 | Yes | Yes |
| Percentage of Opening | | 30% | |
| Fire Resistance | NFPA701, Title 19, CSFM | | |

Applications

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

Ink Printability

Available Sizes

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

| Metric (m) | English (inches) |
|--------------|------------------|
| 3.20m, 5.00m | 126, 196 |

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 guarantee and do not constitute a warranty. The purchaser should independently determine, prior to use, the suitability of the material for his/her specific purpose. (Data represents averages and is not intended for use as a specification.)