

UltraMesh® Xcel is a 7 oz. PVC coated polyester mesh, printable on two sides with UV and Solvent inks. Allowing 30% air-flow through, UltraMesh Xcel is constructed with a special scrim pattern that runs through the open holes and catches more ink for optimal ink coverage. UltraMesh Xcel is best suited for large images on building, stadium and fence wraps, murals, signs, banners, protective barriers for scaffolding as well as theatrical and TV backdrops. Available in seamless widths ranging from 72"- 196".

Material Details

| CHARACTERISTICS | TEST METHOD | METRIC | ENGLISH |
|--------------------------------|-------------------|---|----------------------|
| Support Cloth | DIN ISO 2076 | Polyester | Polyester |
| Yard dtex | DIN EN ISO 2060 | 1100 x 550 dtex | 1000 x 500 denier |
| Type of Coating | N/A | PVC | PVC |
| Total Weight | DIN EN ISO 2286-2 | 240 g/m ² | 7 oz/yd ² |
| Tensile Strength | DIN EN ISO 1421 | 112 x 92 kgF/5cm | 123 x 101 lbs/in |
| Tear Strength (warp/weft) | DIN 53363 | 71 x 20kgF/5cm | 157 x 44 lbs |
| Flame Resistance | DIN 75200 | NFPA701, CA Fire Marshall, NY (MEA), M2 | |
| Low Temperature (No Crack at:) | ISO 1876 | -30°C | -22°F |
| RF Weldable (Heat Sealable) | DIN 53354 | Yes | Yes |
| Fungus Resistant | ASTM G21 | Treated | |

Applications

| | Back-lit | Banner | Billboard | Block-out | Building Wrap | Display Systems | Truckside |
|--------------|----------|--------|-----------|-----------|---------------|-----------------|-----------|
| Applications | | ■ | | | ■ | | |

Ink Printability

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

Available Sizes

| Metric (m) | English (inches) |
|------------------|------------------|
| 1.83, 3.20, 5.00 | 72, 126, 196 |

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.)