

Technical Data Sheet Billboard 520' Eclipse[®] – FL

Billboard 520' Eclipse[®] FL is a 7 oz. black-backed substrate for billboard applications. Specially formulated for high-speed, one-pass printing, Billboard 520' Eclipse is ideal for any billboard application where complete opacity is required. The 520' length increases a print facility's production and efficiency by reducing the amount of time it takes to change out material. Billboard 520' Eclipse is compatible for use with solvent, eco-solvent, UV, Latex and screen printing. Available in widths from 150" - 193".

Material Details

| CHARACTERISTICS | TEST METHOD | METRIC | ENGLISH | |
|--------------------------------|--|----------------------------------|----------------|--|
| Support Cloth | DIN60001 | Polyester PES High Tenacity Yarn | | |
| Type of Coating | N/A | PVC | PVC | |
| Total Weight | DIN EN ISO 2286-2 | 238 g/m ² | 7 oz. | |
| Tensile Strength | ISO 13934-1:1999 C.R.E. Strip Method | 721 x 658 N/5cm | 82 x 75 lbs/in | |
| Tear Strength (warp/weft) | ISO 13937-2:2000, C.R.E. Single Tongue Method | 133 x 76 N | 30 x 17 lbs | |
| Flame Resistance | | NFPA701 | | |
| Low Temperature (No Crack at:) | DIN 4102 ISO 13934- 1:1999 | -20°C | -4°F | |
| RF Weldable (Heat Sealable) | | Yes | | |
| Fungus Resistance | DIN 53354 | Treated | | |

Applications

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

Ink Printability

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

Available Sizes

| Metric (m) | English (inches) |
|------------------|------------------|
| 3.80, 4.50, 4.90 | 150, 177, 193 |

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.)

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