

Evolve® PE Pro is a 4.72 oz substrate designed for banner and billboard applications. The material is 100% PVC-free and engineered with a specialized coating that prevents printability limitations seen with traditional PE substrates and ensures long-term print performance. The product may be used for indoor or outdoor applications. The material is available in widths from 54" to 126", with additional sizes available by request. Evolve PE Pro is solvent, eco-solvent, UV & Latex printable.

### Material Details

| CHARACTERISTICS   | TEST METHOD           | METRIC                          | ENGLISH                        |
|-------------------|-----------------------|---------------------------------|--------------------------------|
| Total Weight      | ISO536                | 160 ± 10 gsm                    | 4.76 ± 0.3 oz./yd <sup>2</sup> |
| Base Fabric       | DIN 60001, ASTM D7641 | PE                              |                                |
| Thickness         | ISO534                | 180 ±30 µm                      | 7.08 ± 1.18 mil                |
| Opacity           | GB/T 1543-1988        | > 99%                           |                                |
| Whiteness         | ISO11475              | 75±10                           |                                |
| Color             | GB/T 7974-2002        | L* : 86±2 ; a*: -1 ±2; b*: 0 ±2 |                                |
| Gloss Level @ 60° | GB/T 9754-2007        | 11 ±4                           |                                |
| Tensile Strength  |                       | 700 x 700 N/5cm                 | 79.94 x 79.94 lb/in            |
| Tear Strength     |                       | 140 x 150 M/5cm                 | 15.988 x 17.13 lbs/in          |

### 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) |
|------------------|------------------|
| 1.37, 1.60, 3.20 | 54", 63", 126"   |

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.)