

TECHNICAL DATA SHEET

# CoolFlex® Zign 14 oz Smooth Banner

COOLFLEX Zign 14 oz Smooth Banner is a Curl Resistant, smooth, digitally printable substrate that can be used for indoor applications. COOLFLEX Zign 14 oz is opaque, flexible at low temperatures and printable on both sides for high-resolution images.

| Description                      |             | Standard                   | Metric               |              |            |           |
|----------------------------------|-------------|----------------------------|----------------------|--------------|------------|-----------|
| Coating Type                     |             | PVC                        |                      |              |            |           |
| Scrim Type                       |             | Polyester                  |                      |              |            |           |
| Roll Widths                      |             | Standard                   | Metric               |              |            |           |
| <i>(Custom widths available)</i> |             | 39                         | 1                    |              |            |           |
|                                  |             | 54                         | 1.4                  |              |            |           |
| Material Properties              |             | Standard                   | Metric               |              |            |           |
| Total Weight (nominal)           |             | 14 oz/yd <sup>2</sup>      | 476 g/m <sup>2</sup> |              |            |           |
| Tensile Strength, 1" Strip       | ASTM D751-B | 80 x 80 lbs                | 356 x 356 N          |              |            |           |
| Tear Strength, Butterfly         | ASTM D1004  | 30 x 30 lbs                | 133 x 133 N          |              |            |           |
| Low Temp Bend                    | ASTM D2136  | -30 °F                     | -34 °C               |              |            |           |
| Shrinkage (1 hr / 80C)           | ASTM D1204  | < 1.0%                     | < 1.0%               |              |            |           |
| Weldable                         |             | Dielectric (RF) or Thermal |                      |              |            |           |
| Dyne                             |             | 40 (min)                   |                      |              |            |           |
| Color (L*a*b)                    |             | 95 * -1.14 * -0.81         |                      |              |            |           |
| Gloss                            |             | 4 - 10                     |                      |              |            |           |
| Contact Angle                    |             | 90 (minimum)               |                      |              |            |           |
| Flame Certifications             |             | None                       |                      |              |            |           |
| Applications                     |             |                            |                      |              |            |           |
| Backlit                          | Banner      | Billboard                  | Blockout             | Bldg Wrap    | Displays   | Truckside |
|                                  | •           |                            | •                    |              | •          |           |
| Ink Compatibility                |             |                            |                      |              |            |           |
| Solvent                          | Eco Solvent | UV                         | Screen Printing      | Dye Transfer | Dye Direct | Latex     |
| •                                | •           | •                          | •                    |              |            |           |

Note: All inks must be tested for compatibility

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