

## TECHNICAL DATASHEET

### Paperlam Dual film

#### 1. PRODUCT FEATURES:-

- Create the special effect of a color by day (non-lighted) and a different color by night (backlit)
- Dual-color perforation pattern lets background color display when backlit\*
- Available in black, white, or a customer-specified color for a variety of lighting effects •  
Exceptional color clarity and backlit brightness both day and night
- Pressure-sensitive adhesive designed specifically for light management applications •  
Expected Performance Life of 7 years (unwarranted period for unprinted film with no graphic protection, applied to a flat, vertical, outdoor surface in a non-abusive environment)

#### 2. CHARACTERISTICS:-

Characteristic	Description
Thickness	Without adhesive: 4.5 mil (0.11 mm) With adhesive: 5.5 mil (0.14 mm)
Adhesive	Adhesive Pressure-sensitive, permanent
Surface	Matt
Chemical Resistance	• Resists mild alkalis, mild acids, and salt • Excellent resistance to water (does not include immersion)
Colors	Black Perforated
Printing Platform	Eco-solvent , UV & Latex
Size	1.22 x 25mtrs

## **Application environment:**

- Temperature - -65 to +225 °F (-54 to +107 °C) (not for extended periods of time at the extremes)
- Graphic - Removal Permanent

## **3. INK COMPATIBILITIES:-**

Solvent	Eco-solvent	Latex	UV
	√	√	√

## **5. WARRANTY:-**

- **Expected Life:** Up to 7 years for the base film, but this is not a formal warranty for all conditions.
- **MCS Warranty:** This is the best option, covering the final graphic (signs, vehicle wraps, etc.) for longer periods (often 8+ years) when the *entire* product is Paperlam.
- **User Responsibility:** You must determine suitability and apply according to instructions; normal weathering isn't failure, and the manufacturer's warranty terms apply