



## FUSION Solvent PET Backlit Film (210mic)

Fusion Solvent PET Backlit Film is a premium solution for high-resolution graphic reproduction, featuring precisely coated, durable PET film. Its weather-resistant composition and consistent material quality ensure reliability in diverse conditions. With its non-adhesive nature, it offers versatility in application, perfect for a wide range of backlighting requirements where clarity and longevity are essential. Whether for indoor displays or outdoor signage, Fusion Solvent Backlit Film delivers exceptional performance and visual impact.

### Applications

1. Indoor & outdoor Light box advertising
2. Bus and subway shelters
3. Sign board, Directory
3. Shop display for outdoor advertising



High quality product



Eco Solvent Inks



Excellent Water Resistance



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## SPECIFICATION

<b>Total Thickness:</b>	205±10 µm
<b>Weight:</b>	275 ~ 285 g/m <sup>2</sup>
<b>Base Materials:</b>	Premium PET Film
<b>Surface:</b>	Semi-Gloss
<b>Ink Application:</b>	Eco Solvent Ink
<b>Standard Length:</b>	30, 50 M
<b>Standard Width:</b>	from 36" up to 87"
<b>Standard Core:</b>	3"
<b>Adhesive:</b>	None
<b>Water Resistance:</b>	Excellent

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## TECHNICAL DATA

<b>Media Color:</b>	L : 72.86 a : 0.89 b : 4.09
<b>Whiteness / Yellowness:</b>	33.47 / 6.47
<b>Light Transmittance:</b>	44.77 (@ 400 ~ 700nm)
<b>Tensile Strength:</b>	MD : ≥ 130 MPa / TD : ≥ 165 Mpa
<b>Tear Strength:</b>	MD : ≥ 120 Mpa / TD : ≥ 155 Mpa
<b>Elongation at break:</b>	MD:≥140% / TD:≥110%
<b>Dimensional Stability:</b>	MD:≤1% / TD:≤1% (@ 150°C, 30min)
<b>Flame Class of material:</b>	V2

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## GUIDELINES OF HANDLING & STORAGE CONDITIONS

1. Suitable printing condition : 18 ~ 25°C temperature, 30 ~ 50 % humidity recommend.
2. To avoid defect on material - like fingerprints - use of cotton gloves is recommend.
3. Too high temperature of pre-heating or strong dryer may lead to an inferior print and color difference.
4. Ambient temperature and weather can affect the condition of products.
5. Recommend to leave the materials away from dust & direct sunlight.
6. After use, storage is best to be done in the original case.