

# F816LE Super Acrylic Transfer Tape



## Composition:

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Acrylic Pressure Sensitive Adhesive  
Release Paper

## Applications:

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- Ideal for outdoor signage, labels, and decorative elements requiring long-term weather resistance (UV, humidity, temperature fluctuations).
- Pasting of plates, control panels, and display screens in high-temperature environments (e.g., automotive dashboards, machinery interfaces).
- Pasting and fixing of thin-film switch electrical and anti-vibration

## Features:

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- Strong adhesive force on substrates with low surface energy.
- High bonding strength, excellent cohesive strength.
- Excellent UV and weather resistance, good solvent resistance.

## Standard Size

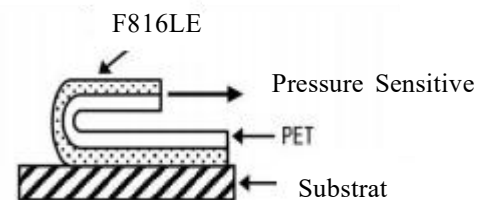
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|---|-------------|
| ▪ Total Thickness<br>( without release paper) | 130mic      |
| ▪ Specification                               | 1200mm*100m |

## Technical Data (average values)

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|--|---|
| ▪ Color                                | Translucent                               |
| ▪ Type of adhesive                     | Solvent-based Pressure Sensitive Adhesive |
| ▪ Long-term Heat Resistance            | 90°C                                      |
| ▪ Short-term Heat Resistance           | 150°C                                     |
| ▪ Shear Strength(2kg/in <sup>2</sup> ) | >10000min                                 |

180 Degrees of Peeling Adhesion(3 days)	
Substrate	Avg. Test Values
Stainless Steel	8.5N/cm
ABS	11N/cm
PC	11N/cm
PP	14N/cm

Unit:N/25mm  
Sample Width:25 mm  
Rest Time:3 days  
Material:PET Film  
Application Condition:  
3 pass back and forth with a 2.5kg roller  
Peeling Speed: 300mm/min  
Peeling Angle: 180°  
Measurement Condition:  
23°C/50%RH



## Application Properties:

- To obtain optimal adhesion, the bonding surface must be dry and clean.
- Since it is a pressure-sensitive adhesive, it must be pressed with a pressure roller or press; if the compaction is not adequate, the experimental results will be affected.
- It takes a little while for the tape's original adhesive strength to kick in.
- The ideal application temperature range is 20 °C to 40 °C To apply tape on surface at temperature below 10°C be not recommend, because the adhesive becomes firm to adhere lightly.

## Test Method:

- In accordance with GB/T 4851-1998 method.

## Shelf Life:

- 12 months when stored in original carton at 23°C and 65% relative humidity.

## Other:

- Paper tube can be recycled.
- Common rewinding spring length: 50M/1 roll, can be processed according to customer's demand.
- Special carton packing.

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