

LBS-CFE Series

LBS-CFE was developed for PV module protection under severe weather condition at lower cost by LGC's advanced material & adhesion technology solution.

Features

▪ PVDF casting Solution

- More Economical & Sufficient Supply (Tedlar-free)
- Higher UV Resistance due to Higher Fluorine Content (59 wt%)
- Lower Thermal Shrinkage

▪ Customizable Solution

- Customized Color, Thickness & Properties
- Higher reflectivity → Higher Module Efficiency

▪ Only one-side Adhesive Solution

- Higher Damp Heat Property
- Higher Bonding with EVA



LBS-CFE		
Thickness (μm)		300 \pm 20
Weight (g/m^2)		370 \pm 40
EVA – Peel strength (N/cm)		> 60
Peel strength of layer(PE-PET) (N/cm)		> 10
Breakdown Voltage (kV)		> 20
Partial Discharge (VDC)		> 1000
Heat Shrinkage (%)	MD	< 1.5
	TD	< 1.0
Tensile Strength (MPa)	MD	80
	TD	70
Elongation (%)	MD	150
	TD	120
WVTR (38°C / 90%) ($\text{g}/\text{m}^2 \cdot \text{day}$)		1.3

LBS-CFE series are TUV certified and UL recognized

