

# LBS-CF Series

LBS-CF was developed for PV module protection under severe weather condition by LGC's advanced material & adhesion technology.

## 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

### ▪ Adhesive-free Solution

- Higher Damp Heat Property
- Higher Adhesion Reliability



		LBS-CF	LBS-CF2	LBS-CF2 black
Color		White	Clear	Black
EVA – Peel strength (N/cm)		> 90	> 90	> 90
Breakdown Voltage (kV)		> 20	> 20	> 20
Partial Discharge (VDC)		> 1000	> 1000	> 1000
Tensile Strength (MPa)	MD	138	142	144
	TD	183	200	201
Elongation (%)	MD	169	165	163
	TD	110	123	110
WVTR (38°C / 90%) (g/m <sup>2</sup> ·day)		1.9	2.2	2.3

LBS-CF series are TUV certified and UL recognized  