PINKCITY SOLAR FILMS
(INDIA) PVT. LTD.

PINKCITY SOLAR FILMS
(INDIA) PRIVATE LIMITED
CORPORATE INTRODUCTION | OCTOBER 2026

Advanced materials. Reliable encapsulation.

Solar EVA & EPE films for photovoltaic module manufacturing

1 GW / year
Current manufacturing capacity

5 GW / year
Planned expansion in Jaipur

Jaipur, Rajasthan
Manufactured in India

Company at a glance

Pinkcity Solar Films (India) Private Limited manufactures solar encapsulation sheets and films for PV module producers. Based in Jaipur, Rajasthan, we focus on consistent material quality, customer specifications and dependable supply. Our flagship PINKCITY SOLAR EPE SHEET combines EVA and POE in a multilayer film for modern solar modules.

Advanced manufacturing technology

Our facility is equipped with an advanced, high-performance EVA/EPE extrusion line sourced from a leading encapsulation-film machinery manufacturer in China. Built around precision processing and consistent film formation, this technology supports the production of high-quality encapsulation materials with controlled dimensions and repeatable performance.

Encapsulation tailored to your requirements

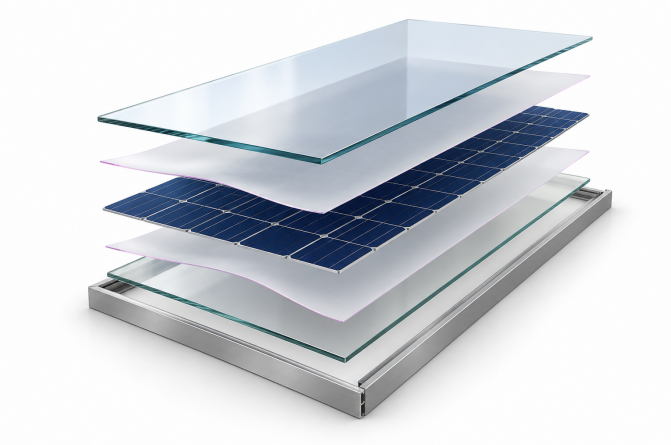
We work with module manufacturers to prepare encapsulation sheets to their specific requirements, including thickness, grammage, width, roll length and application needs. Our team supports diverse EVA/EPE sheet requirements through specification review, customized trial material and customer validation before regular supply.

GROWTH & QUALITY COMMITMENT

Current capacity is 1 GW/year, with plans to expand to 5 GW/year in Jaipur in the near future. Product testing through TÜV Rheinland and Maeon Laboratories supports customer evaluation; available reports and technical documents can be shared on request.

PINKCITY SOLAR EPE SHEET

EVA-POE-EVA multilayer encapsulant



Illustrative glass-glass module assembly

THREE-LAYER ARCHITECTURE

EVA | 30%

Optical clarity and adhesion

POE | 40%

Moisture resistance and endurance

EVA | 30%

Cell encapsulation and bonding

Designed for front and rear encapsulation of P-type and N-type bifacial PV modules, including MonoPERC and TOPCon. The film combines high light transmission, strong glass adhesion and resistance to potential-induced degradation (PID).

Property	EPE specification	Test method
Thickness	450-700 µm (±5%)	ASTM D6988-13
Grammage	390-580 g/m² (±5%)	Weighing balance
Width	Customized (+7/-0 mm)	Scale
Optical transmittance	≥ 91%	IEC 62788-1-4
Gel content	≥ 75%	ASTM D2765
Glass adhesion	≥ 60 N/cm	ASTM D903
Dielectric strength	> 20 kV/mm	ASTM D149
Volume resistivity	≥ 1 × 10^{15} Ω·cm	ASTM D257
Thermal shrinkage (MD / TD)	≤ 3% / ≤ 2%	150°C, 5 min

UL Certified | Certificate No. E552145 | Report Ref. E552145-20260327

Values are from the company technical datasheet and represent typical product information. Confirm grade-specific dimensions and suitability through trials using the actual module BOM and laminator conditions.

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