



Adhesives solutions for PV backsheet lamination

Photovoltaic (PV) backsheets are a key component in photovoltaic panels, allowing for sustainable energy to become a reality.

Dow offers solutions that enable this energy transition, with our ADCOTE™ adhesives range.



Main component	Solvent	Solid content [%]	Viscosity at 25 °C [cP]	Properties
ADCOTE™ A 3302-E	MEK	45	500	Suitable for HP laminations in photovoltaic complexes
ADCOTE™ A 3302E EA	Ethyl acetate	45	900	
ADCOTE™ 503R	MEK	51	2400	Improved hydrolysis resistance and mechanical stiffness

Coreactant	Solvent	Solid content [%]	Viscosity at 25 °C [cP]	Properties
DOW™ CR 865	Ethyl acetate	75	400	Imparts temperature and hydrolysis resistance
DOW™ CR 865B				50% faster curing time

Properties

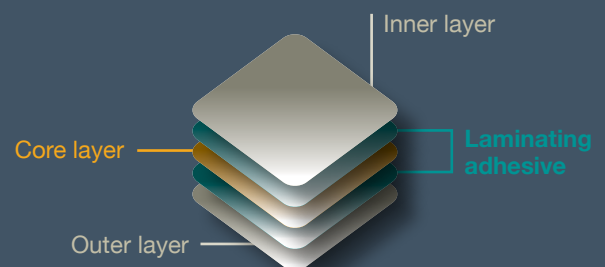
- Lamination of polyester (PET and PEN), vinyl films (PV, EVA), PVF and PVDF

- High bond strength

- Thermal resistance

- Hydrolysis resistance

- Rated for Damp Heat Test



About Dow

Dow (NYSE: DOW) combines global breadth; asset integration and scale; focused innovation and materials science expertise; leading business positions; and environmental, social and governance leadership to achieve profitable growth and help deliver a sustainable future. The Company's ambition is to become the most innovative, customer centric, inclusive and sustainable materials science company in the world. Dow's portfolio of plastics, industrial intermediates, coatings and silicones businesses delivers a broad range of differentiated, science-based products and solutions for its customers in high-growth market segments, such as packaging, infrastructure, mobility and consumer applications. Dow operates manufacturing sites in 31 countries and employs approximately 37,800 people. Dow delivered sales of approximately \$57 billion in 2022. References to Dow or the Company mean Dow Inc. and its subsidiaries. For more information, please visit www.dow.com or follow [@DowNewsroom](https://twitter.com/DowNewsroom) on Twitter.

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