

White CPC, Black CPC

Double-Sided Coating Series | Product code: HD-CPC / HD-CPC-B

The 1500 V workhorse: 303 μm , coated both faces, white or black.

Most of the modules in the field are built on a backsheet like this one, and the thing that separates a good one from a merely adequate one is whether both faces are coated. Coat only the inside and the PET core meets the weather directly; coat only the outside and EVA adhesion becomes the weak link.



Key characteristics

Double-sided coating technology	Excellent heat and weather resistance from the outer coating, EVA bonding and reflectivity from the inner.
High reflectivity	Enhances the module's power generation efficiency by returning inter-cell light to the cells.
Rated to 1500 V system voltage	The standard for utility-scale strings.
303 μm $\pm 5\%$, white or black	10 μm air coating, 288 μm PET middle layer, 5 μm inner coating.

Specification

Product Structure	Air Coating	Air Coating: 10 μm , Protect PET
	Middle Layer (PET)	Middle Layer: 288 μm , Insulation Property, Water Vapor Barrier Property
	Inner Coating	Inner Coating: 5 μm , High Reflectivity, Great Bonding Performance with EVA
Product Type	HD-CPC	
Product Code	HD-CPC / HD-CPC-B	
Product Name	Insulating back sheet for crystalline silicon terrestrial photovoltaic (PV) modules	
Thickness	Air Coating: 10 $\pm 2\mu\text{m}$ Middle Layer: 288 $\mu\text{m} \pm 5\%$ Inner Coating: 5(-0, +2) μm Total Thickness: 303 $\mu\text{m} \pm 5\%$	
Color	White / Black	

Applications

- Utility-scale PERC single-glass modules
- Distributed single-sided generation
- Portable applications

Storage and shelf life

High storage stability with no special storage requirements. Warranty period is one year under cool, dry storage conditions; laminating process generality should be evaluated after that period.

Enquiries

Quotations, full datasheets and certificates are issued against a product code and a destination market. Write to info@hondosolar.com with the cell technology, the module construction, the annual volume and the destination market.

All values are as published by the manufacturer. Tolerances, roll formats and electrical data are confirmed in writing per order. Suzhou Hondol New Material Co., Ltd. No.518, Xinzhen Road, Tong'an Town, SND, Suzhou, Jiangsu, China. PT. Hondol Material Indonesia, Samara Industrial Park, Batam, Kepulauan Riau, Indonesia.