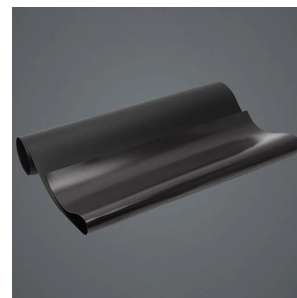


Double-Sided Black

High-Reflection Black Series | Product code: HD-CPC-HB / HD-CPC-H2B

All-black appearance with an average CTM gain of +2.66% over conventional black backsheets.

All-black modules sell on rooftops and lose power doing it. A black backsheet absorbs the light that falls in the gaps between cells instead of reflecting it back, and that cost has been accepted as the price of appearance for a decade.



Key characteristics

Average CTM gain of +2.66%	Against conventional black backsheets — most of the power an all-black module normally gives away.
Aesthetically clean and structurally stable	Clean architectural integration with dimensionally stable performance and no light leakage.
Exceptional durability	No bubbling or fading after PCT 48 h, DH 1500 h, UV and damp-heat UV accelerated ageing.
Two constructions	HD-CPC-HB outer white with inner black, and HD-CPC-H2B black on both faces, at 303 $\mu\text{m} \pm 10\%$.

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-HB / HD-CPC-H2B	
Product Name	Insulating back sheet for crystalline silicon terrestrial photovoltaic (PV) modules	
Thickness	Air Coating: 10 $\pm$ 2 μm Middle Layer: 288 $\mu\text{m} \pm 5\%$ Inner Coating: 5 (-0, +2) μm Total Thickness: 303 $\mu\text{m} \pm 10\%$	
Color	Outer White and Inner Black / Outer Black and Inner Black	

Applications

- Utility-scale PERC monocrystalline glass-glass and glass-backsheet modules
- Residential and architectural installations
- Distributed and 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.