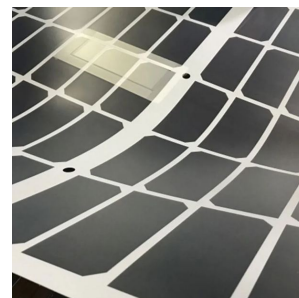


Transparent Grid Black/White

Transparent / Grid Series | Product code: HD-CPC-TGW / HD-CPC-TGB

1% to 2% more annual energy yield, over 15% less weight, and no light leakage.

A transparent backsheet lets bifacial light through and lets inter-cell light straight out the back, which is why plain transparent film disappoints on a monofacial module. A white backsheet reflects that light back but blocks the rear entirely.



Key characteristics

1% to 2% increase in annual energy yield	The grid coating recovers inter-cell light that a plain transparent backsheet loses.
Over 15% weight reduction	Compared with conventional solutions, which in a utility module translates into structure and freight.
Production adaptability and stability	Compatible with fully automated production lines, maintaining dimensional stability and preventing light leakage.
White or black grid	HD-CPC-TGW and HD-CPC-TGB, at 318 μm $\pm 5\%$ total thickness.

Specification

Product Structure	Air Coating	Air Layer: 10 μm , Weather-Resistance, UV Cut-Off
	Middle layer (PET)	Middle Layer: 288 μm , Insulation Property, Water Vapor Barrier
	Inner Coating	Inner Coating: 5 μm , Great Bonding Performance with EVA
	Grid Coating	Grid Coating: 15 μm , Great Bonding Performance with EVA
Product Type	HD-CPC	
Product Code	HD-CPC-TGW / HD-CPC-TGB	
Product Name	Insulating back sheet for crystalline silicon terrestrial photovoltaic (PV) modules	High transmittance white grid 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 Grid Coating: 15 $\pm 2\mu\text{m}$ Total Thickness: 318 $\mu\text{m} \pm 5\%$	
Color	White/Black	

Applications

- Utility-scale PERC monocrystalline glass-backsheet modules
- Distributed applications
- 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.