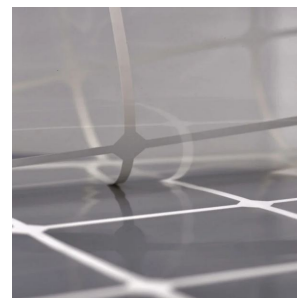


Transparent CPC

Transparent / Grid Series | Product code: HD-CPC-T

303 μm transparent fluorinated construction for glass-backsheet modules that need rear-side transmission.

Replacing rear glass with a transparent backsheet is the cheapest weight reduction available to a bifacial module maker — over 15% of module weight, with the transport and mounting savings that follow — provided the film holds up outdoors for 25 years.



Key characteristics

Power generation gain of 1% to 2%	Annual energy yield increase over conventional constructions.
Over 15% weight reduction	Against conventional solutions.
Production adaptability and stability	Compatible with fully automated lines, dimensionally stable and free of light leakage.
303 μm $\pm 5\%$ transparent construction	10 μm air coating, 288 μm PET middle layer with insulation and water vapour barrier properties, 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-T	
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	Transparent	

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@hondolsolar.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.