



Your partner  
for process solution

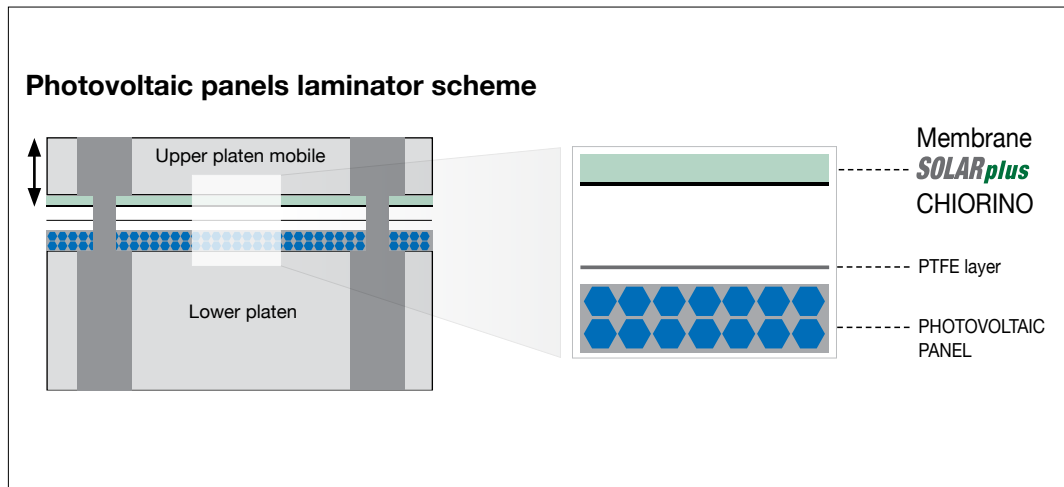
# Membrane **SOLARplus** for photovoltaic industry



# Membrane for the lamination of photovoltaic panels



CHIORINO, a leading company in the field of conveyor and transmission belts, is specialized in the production of ultra resistant membranes for the lamination of photovoltaic panels.



## Technical data

Type	Side in contact with the photovoltaic panel			Side in contact with the upper plate				Total thckn.	Weight	Temperature resistance		Max. prod. width (1)
	material	surface	colour	material	surface	colour	hardness			min.	max.	
							Sh.A	mm	kg/m <sup>2</sup>	[°C]	[°C]	mm
<b>SOLARplus</b>	CHIOplus	smooth	●	Silicone	smooth	●	50	3.0	3.3	-50	+175	1950

(1) **SOLARplus** membranes are produced in a max. width of 1950 mm. However, wider sizes can be supplied with a longitudinal seam while still maintaining high strength and perfect evenness.

The technical data have been formulated under normal environment conditions. They are subject to alteration without notice.

## Product features

- Long life with the special layer *CHIOplus*
- High resistance against gas released from EVA films
- Excellent dimension stability

## Customer benefits

- High productivity due to increase number of lamination cycles
- Costs saving
- Excellent price/value ratio

Membrane *SOLARplus*



Silicone Layer

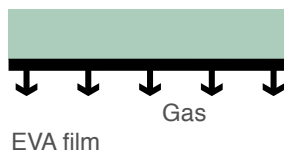
*CHIOplus* Layer

**plus**  
made by CHIORINO

The **R&D CHIORINO special layer** combined with the Silicone support provides the membrane with excellent features and very high performances even in the most critical applications.

### High chemical resistance

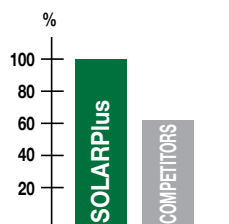
The special layer *CHIOplus* protects the Silicone membrane from chemical attacks.



# *CHIOplus*

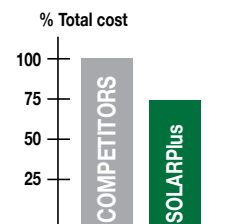
### Increased lamination cycles

The special layer *CHIOplus* protects the membrane from ageing resulting in increased lamination cycles.



### Excellent price/value ratio

*SOLARplus* provides a long and reliable service life resulting in an excellent price/value ratio



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