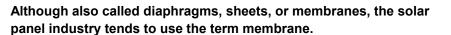
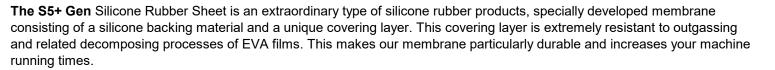


## Silicone Rubber Sheet For Solar PV Panels Laminating Machine





## **Key Benefits**

- Good reusability&durability when exposed to high pressures&elevated temperatures: +250°C
- Black covering layer is resistant to decomposing eva outgassing\* during lamination process
- 1 piece seamless sheet width up to 3800mm wide (no weak joints or marks on lay-up)
- Special fluorine covering layer (black) on silicone backing (grey)
- · Bond of the two layers cannot be separated mechanically
- Good cycle life more than 10,000 cycles

## **Technical Data**

Item no.	S5+	
Compound	Silicone/FKM	
Surface	Smooth/Textured	
Color	Gray/Black	
Reinforcing layer	1 Ply Premium Grade Aramid Fabric Insert	
Thickness	4±0.02mm	
Hardness	Buffering layer (Gray Silicone)	EVA resistant working layer (Black FKM)
	60±2 Shore A	70±2 Shore A
Density	1.25±0.05g/cm3	1.95±0.05g/cm3
Tensile strength	8.5MPa	14MPa
Tear strength	30N/mm	45N/mm
Elongation	600%	180%
Compression set	4%	4%
Resilience	25%	8%
Max. temperature	250°C	

## \* The S5+ is being substituted with the S5 Gen

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