



The 2nd-lite Generation Silicone Membrane For Solar Laminators

Deer Hunter – Asia's leading manufacturer for speciality silicone sheets for solar PV panels lamination in the renewable energy market.

Although also called diaphragms, sheets, or membranes, the solar panel industry tends to use the term membrane.

The 2nd-lite Gen is our original and most popular silicone membrane sheet – combining hi-elongation, good life cycle performance under controlled environments and very competitive pricing. It's available with both sides smooth or single sided fabric impression surface finish.

Availability and Technical features

- Seamless (no weak point)
- Both sides blue color and silicone materials
- High temperature aramid fabric inserted in the middle
- Bond of the two layers cannot be separated mechanically
- Durability results in longer machine running times and thus shorter set-up times

Technical Data

Item no.	The 2nd-lite Generation
Compound	Silicone
Surface	Smooth/Textured
Color	Blue/Blue
Reinforcing layer	1 Ply Premium Grade Aramid Fabric Insert
Thickness	3mm
Hardness	55±5 Shore A
Density	1.25±0.05g/cm ³
Tensile strength	12.5MPa
Tear strength	48N/mm
Max. temperature	250°C
Elongation	600%
Compression set	2%
Resilience	30%