



Silicone Membrane Sheet For Solar PV Modules Lamination

Deer Hunter – Asia's leading manufacturer for speciality silicone membrane 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 S2 Gen is our original & most popular silicone membrane sheet quality – combining hi-elongation, good life cycle performance under controlled environments and very competitive pricing. It is an irreplaceable element applied for the lamination process of solar PV panels and is available with both sides smooth or single-sided fabric impression surface finish.

Key Features

- High tenacity aramid fabric insert in the middle
- Durability results in longer machine running times
- Essential accessories for solar panel manufacture process
- Two layers of silicone extremely resistant to EVA films outgassing
- Over 4,000 lifecycles silicone rubber sheet for solar panel laminator

Technical Data

Item no.	S2
Compound	Silicone
Surface	Smooth/Smooth or Smooth/Textured
Color	Gray/Gray
Reinforcing layer	1 Ply Premium Grade Aramid Fabric Insert
Thickness	4±0.02mm
Hardness	70±2 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%