



ToughSIL Classic

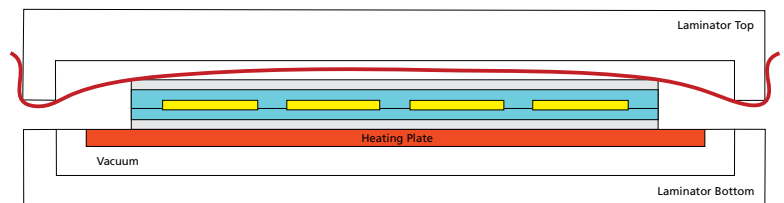
Solar Module Lamination Diaphragm

ToughSIL is specifically designed for the solar module lamination process. Our classic type silicone rubber sheets are specially enhanced to achieve high laminator uptime and decreased running costs. ToughSIL diaphragms are available up to 3,030 mm wide without a splice (patent pending). Our seamless membrane will ensure that no seam imprint will be visible on the backsheet.

Features & Benefits

- Seamless surface (up to 3,030 mm wide)
- Cycle life of up to 2500 cycles*
- High temperature resistance
- Excellent elasticity and stability

ToughSIL Classic Silicone Diaphragm



Technical Data (Physical Property)

Material	Silicone
Color	Grey
Hardness	58 (Shore A \pm 5)
Elongation	Over 600%
Tensile Strength	Over 100 kgf / cm ²
Tear Strength	Over 50 kgf / cm
Temperature (Max.)	230° C
Specific Gravity	1.15 g / cm ³
Thickness	Standard: 3.0 mm and 3.5 mm
Size (Maximum)	W: 3,030 mm, L: 7,000 mm

*Cycle life is dependant on set up and operating conditions.