

## Solar Panel Lamination Belts

**PTFE/Anti-static fiberglass and Kevlar® belts** are used in the lamination process of rigid and flexible Photovoltaic (PV) modules. PTFE coated materials offer optimal release and excellent heat resistance, resulting in increased manufacturing efficiencies through time savings, cost reductions and higher quality end products.

Powered by government subsidies, technological advances and a public desire for clean energy sources, the Renewable Energy Sector has seen a rapid upward growth trend in recent years. As the demand for solar continues to grow, so will the need for high quality, long lasting and reliable solar panel lamination belts.

### Features:

- Anti-static
- High strength
- Increased stability
- Temperature resistant
- Cost effective
- Excellent release properties
- Improved end-product quality
- Custom splices and edging available

### Applications:

- Solar panel lamination belts and release fabrics
- Solar stringer belts



Product Number	Coating Type	Fabric Type	Thickness (mm)	Weight (g/m <sup>2</sup> )	Tensile Strength Warp (N/5cm)	Tear Strength Warp (N)	Max Width (mm)	Temperature Resistance
9108-3	PTFE	Fiberglass	0.230	490	2200	40	2600	260 °C
Tacfuse 10AS	PTFE Anti-Static	Fiberglass	0.235	490	2200	40	2750	260 °C
7148	PTFE	Fiberglass	0.340	680	4000	90	3300	260 °C
Tacfuse 14AS	PTFE Anti-Static	Fiberglass	0.340	680	4000	90	3300	260 °C
715KAS	PTFE Anti-Static	Kevlar	0.370	570	4200	200	2700	260 °C
Tacfuse 15AS	PTFE Anti-Static	Fiberglass	0.355	735	4000	90	2600	260 °C
718K-1	PTFE	Kevlar	0.450	720	7000	400	2500	260 °C
7147-1	PTFE	Fiberglass	0.330	560	4000	90	1500	260 °C

Information contained in this document is based on our general experience and is given in good faith, but we are unable to accept responsibility in respect to factors which are outside our knowledge or control. All data is subject to change without notice. All values are typical. Technical data sheets for all products are available on our website.

