



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 (inches)	Weight (lbs/sq yd)	Tensile Strength Warp (lbs/in) (Typical)	Tear Strength Warp (lbf) (Typical)	Max Width (inches)	Temperature Resistance
7108	PTFE	Fiberglass	0.0090	0.92	285	12	62	500 °F / 260 °C
7103AS	PTFE Anti-Static	Fiberglass	0.0095	0.90	280	8.5	94	500 °F / 260 °C
7148	PTFE	Fiberglass	0.0135	1.35	400	15	104	500 °F / 260 °C
7143AS	PTFE Anti-Static	Fiberglass	0.0140	1.36	400	11.5	104	500 °F / 260 °C
715KAS	PTFE Anti-Static	Kevlar	0.0146	1.05	620	45	106	500 °F / 260 °C
7153AS	PTFE Anti-Static	Fiberglass	0.0140	1.35	455	18	128	500 °F / 260 °C
718K-1	PTFE	Kevlar	0.0177	1.32	570	56	98	500 °F / 260 °C
7147	PTFE	Fiberglass	0.0119	1.15	265	8	38	500 °F / 260 °C

The data herein are averages based on the authoritative testing of several lot numbers. This information is intended for comparison purposes only. Check with your Taconic sales representative for information on width availability and material alternatives.

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