

J-Flex PTFE Glassfabric Products Release Sheets, Stringer & Transportation Belts

J-Flex PTFE Glass is the premium grade reinforced material of choice for use on lamination equipment for forming or thermo-pressing photovoltaic panels. PTFE glass fabrics provide protection to the membrane and have excellent high release properties being non-stick and easy to clean. Designed for the most demanding customer requirements.

BENEFITS

- High Temperature Resistance
- Excellent Chemical Resistance
- High Dielectric Strength
- Resistance to UV, IR and HF
- Non-toxic
- Good tracking / Dimensional stability

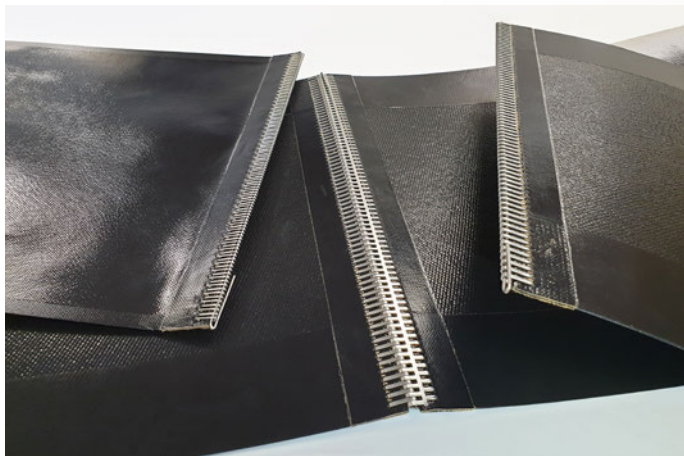


Above:
ATW/Autoweld Stringer Belt

Left:
Transportation Belts

TYPES

- Premium Grade
- Anti-static or Static
- Open Mesh
- Self Adhesive
- Joints of all types
- Perforated



Above:
'Vision' Belts

Left:
Transportation/Release Belts



J-FLEX Innovative Rubber Solutions

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Certificate No. RS 27920



Release Sheets

provide quick release and are supplied in a single layer brown/natural or black anti-static typically 0.25mm and 0.35mm thick

Transportation Belts

are supplied in a single layer brown/natural or black anti-static typically 0.25mm and 0.35mm thick. Endless belts joined by welding, stitching or mechanical fastening with end loops fabricated for rods to ensure great tracking and dimensional stability to suit

Stringer Belts

conveyor belts consisting of 2 layers brown/natural and black anti-static. Welded / jointed and can be plain or have perforations to suit any OEM equipment.

From stock we have stringer belts for Ecoprogetti and Autoweld.

MACHINE TYPES

We have been supplying World leading companies for many years, for machine types such as:

Ecoprogetti, Burkle, Jinchen, Boost, Meyer Burger, TeamTechnik, Mondragon, Vision and Autoweld

PTFE Glass Stringer Belt Jointing Methods

There are various ways to add joints in PTFE Stringer Belts and at J-Flex we use the Pressed Interwoven method, which impressively results in a joint so strong that the material actually gives way before the joint itself!

The table below shows the Newton force required to break four types of joints which in all cases were subjected to the same test conditions - the results highlight the obvious choice.

	Angled Butt Joint	Straight Butt Joint	Interwoven Joint	Interwoven Pressed Joint
Force@Peak (N)	1556.000	1879.000	2471.000	3548.000
Joint stronger than material itself?	✗	✗	✗	✓

Orientation: Warp
 Test Type: Tensile
 Test Date: 08/02/2019
 Test Speed: 100.00 mm/min
 Pretension: 5.000N
 Width: 50.000mm
 Thickness: 0.389mm
 Sample Length: 205.000mm

Disclaimer: All recommendations and information contained in this specification sheet are to the best of our knowledge correct. Since conditions of service are beyond our control, users must satisfy themselves that the products are suitable for intended use. No warranty is given or implied in respect of information or recommendations or that any use of products will infringe rights belonging to other parties. In any event or occurrence our liability is limited to the invoice value of our goods delivered to you. We reserve the right to change product design and properties without notice.

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