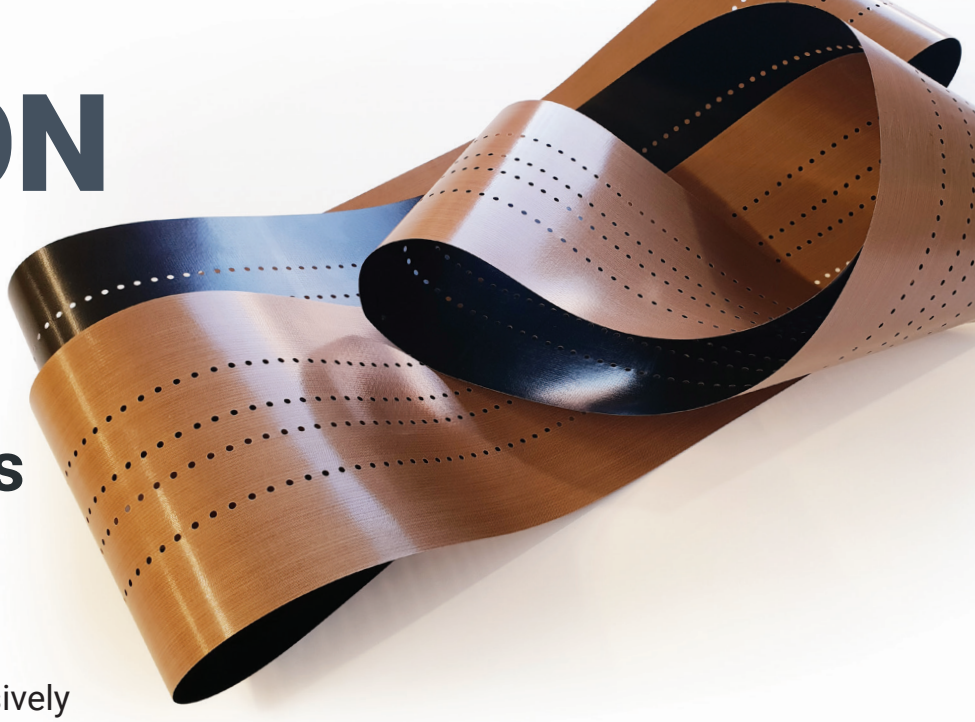
FOCUS ON

PTFE Glass Stringer Belt Jointing Methods



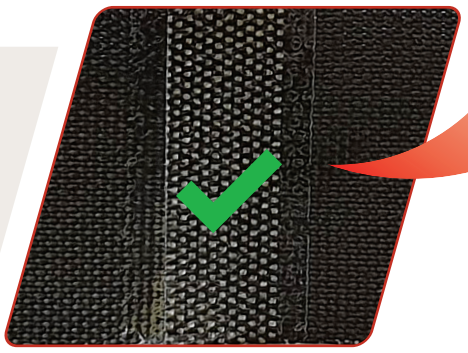
There are various ways to add joints in PTFE Stringer Belts. At J-Flex we use the Pressed Interwoven method, which impressively results in a joint so strong that the material actually gives way before the joint itself!

The table below shows the Newton force required to break four types of joints, the first three methods of which are typically found in PTFE Belts provided by other suppliers.

In all cases the test conditions shown opposite were applied. The results highlight the obvious choice.

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

	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?	✗	✗	✗	✓



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