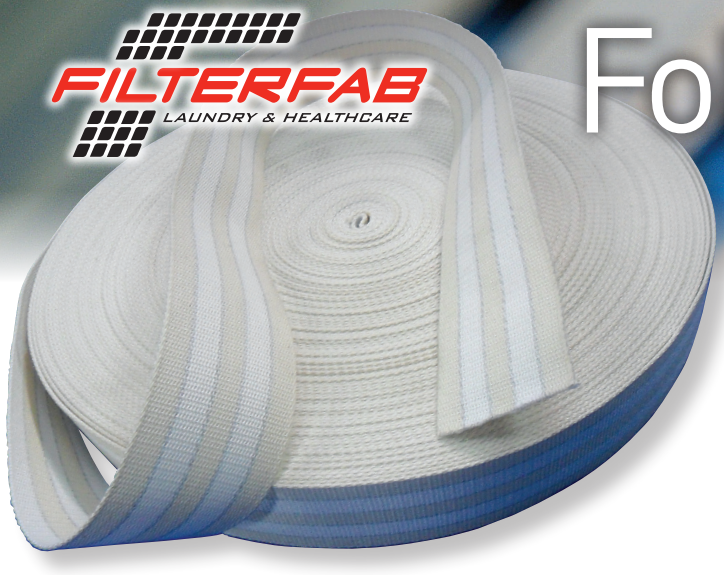
# Folding Bands

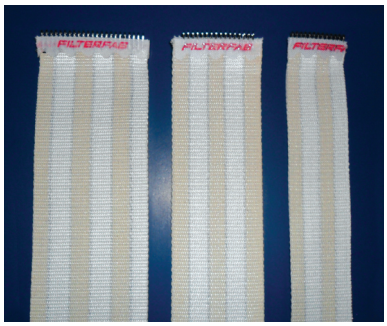


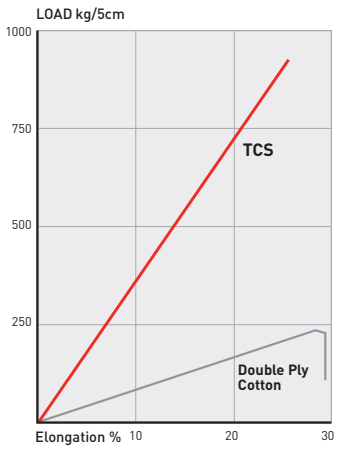
Linen leaving an ironer is dry, hot and travels at high speed. These are ideal conditions for static charges to develop. Static charges of several thousand volts have been measured on linen leaving an ironer. When cotton is measured a positive charge is found, on polyester and polyester/cotton a negative charge prevails.

In electrostatics, like poles repel and opposite poles attract. Therefore cotton linen on cotton bands will not cling, whereas cotton linen on polyester bands will cling, causing folder problems. With the advance of polyester cotton and particularly 100% polyester linen plus various synthetic blends, folder problems are commonplace.

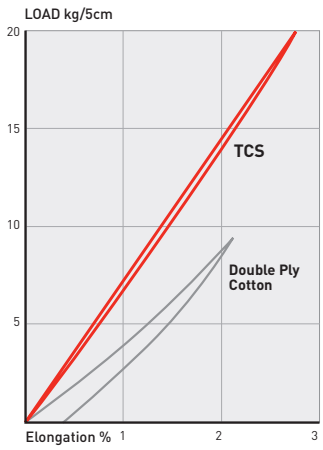
In the past, one answer to this serious problem has been to avoid the combination of the two causes by thorough sorting, which is impractical. Another is to prevent or dissipate the charge by adding chemicals or using static bars, which are expensive. The latest way is to weave in or impregnate stainless steel onto polyester or cotton banding, but this has not really solved the problem.

**Tests show that because our TCS antistatic folder bands are woven with alternating stripes of polyester and cotton with stainless steel they will fold all compositions and classifications of linen without problems. TCS antistatic folder bands have high tensile strength, high elasticity, good non-slip characteristics, excellent non-cling characteristics and is antistatic.**





TCS has higher breaking strength



TCS has better elastic recovery

**General characteristics :**

- Fast and **easy to install**.
- Unique **heat sealed joint**. No binder, tapes or sewing needed.
- Excellent **elastic recovery** unlike cotton bands that sag
- Good **anti-cling** characteristics
- Special **non-slip** weave
- Exceptional **breaking strength**

**Specifications :**

| | |
|---|---|
| **Construction** | Woven Narrow Fabric |
| **Composition** | 66% Polyester<br>33% cotton and 1% Stainless Steel |
| **Weight** | 880 g/m |
| **Thickness** | 1.5mm |
| **Weave** | Duplex |
| **Set** | 44x24/cm |
| **Wrap** | Alternating Polyester and Cotton with Stainless Steel |
| **Weft** | Continuous Multifilament Polyester |
| **Breaking Strength** | 900kg/5cm width load |
| **Elongation** | 2% at 15kg/5cm width load |
| **Elastic Recovery** | 100% from 3% elongation |
| **Finish** | Fully Heat Stabilized |

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