

**siegling transilon**  
conveyor and processing belts

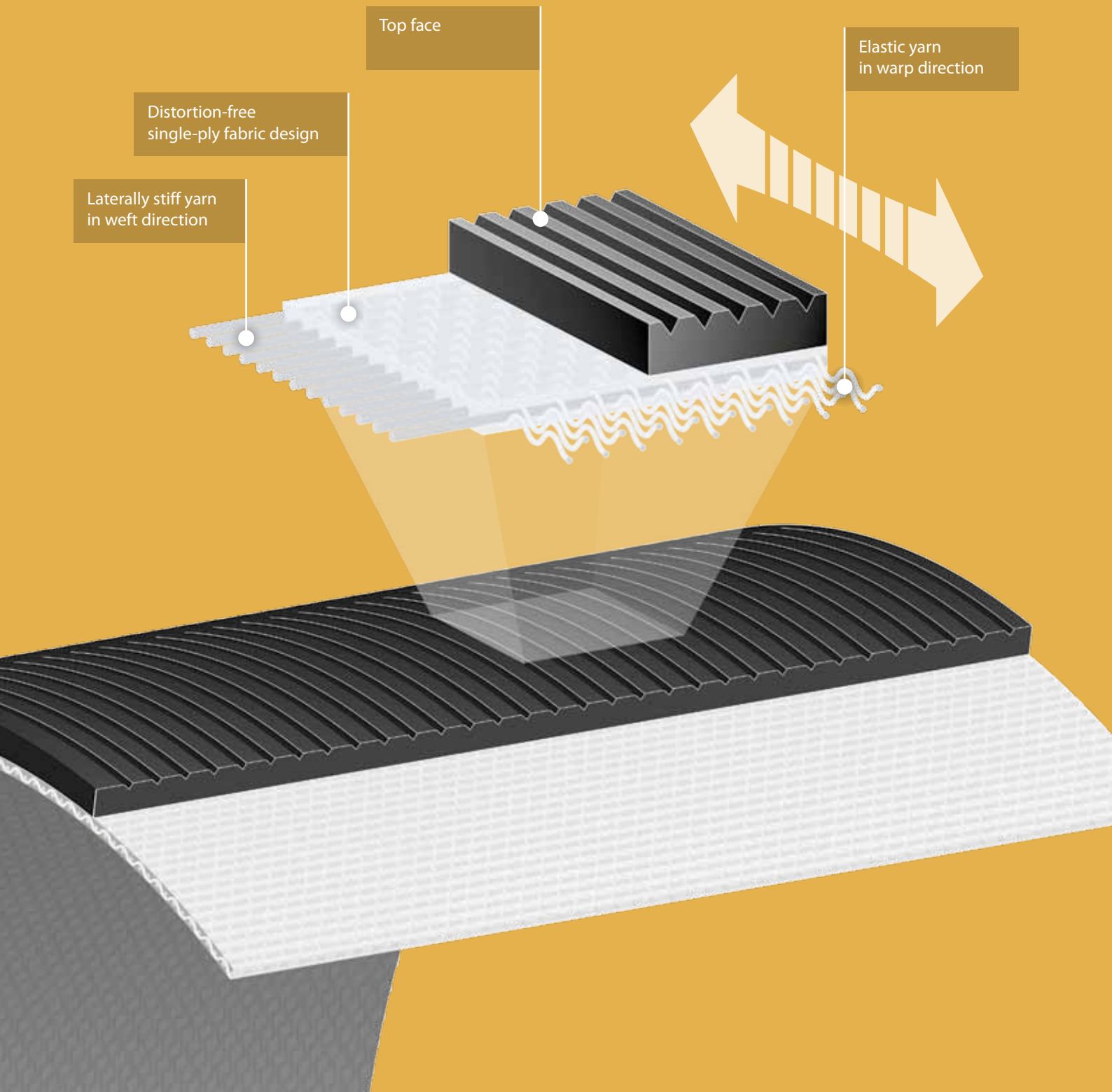


**OUR ELASTIC BELTS**  
... ALWAYS TRACK STRAIGHT

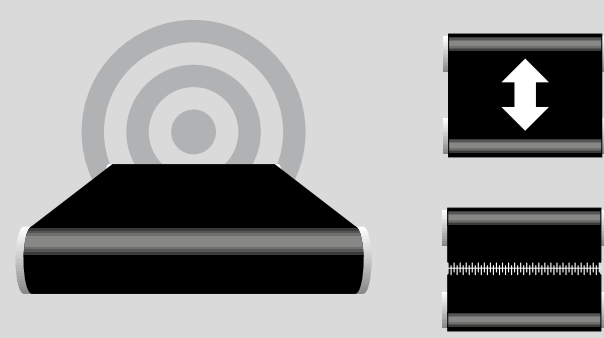
# OUR ELASTIC BELTS

## ... ALWAYS TRACK STRAIGHT

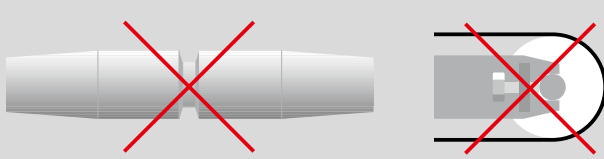
Forbo Siegling's new elastic belt design makes problems tracking and centering belts a thing of the past. Due to their single-ply fabric designs with elastic warp threads, the belts track exceptionally accurately and even compensate for minor conveyor alignment errors.



## Benefits



- Excellent tracking and centering of the belts due to single-ply fabric design without any weft distortion
- Reliable operation, even on undersquare conveyors (width > centre distance)
- Fitting is quicker (mechanical fasteners are possible)



### Cost-efficiency

- No tracking profile is required on the belt's underside in the case of conical-cylindrical drive drums
- No profile groove required in rollers or slider beds
- No take-up unit required if belts can be fitted pre-tensioned



## Type range

| Type                  | Article number | Total thickness approx. [mm] | $k_{1\%}$ [N/mm] | Shore A | $d_{\min}$ approx. [mm] | Elongation at fitting $\epsilon$ [%] | Flame retardant | Inclined conveying, accelerating | Cross-belt sorters | Horizontal conveying, slight accumulation |
|-----------------------|----------------|------------------------------|------------------|---------|-------------------------|--------------------------------------|-----------------|----------------------------------|--------------------|---|
| <b>Elastic belts</b>  |                |                              |                  |         |                         |                                      |                 |                                  |                    |   |
| EL 0/V10 LG-SE black  | 906796         | 2.25                         | 0.2              | 45      | 24                      | 1.5-5.0                              | ●               | ●                                |                    |   |
| EL 0/V10 NP-SE black  | 906797         | 2.25                         | 0.2              | 45      | 24                      | 1.5-5.0                              | ●               | ●                                | ●                  |   |
| EL 0/V10H MT-SE black | 906848         | 2.20                         | 0.2              | 85      | 30                      | 1.5-5.0                              | ●               |                                  |                    | ●   |
| EL 0/V20 AR-SE black  | 906859         | 4.20                         | 0.2              | 40      | 24                      | 1.5-5.0                              | ●               | ●                                |                    |   |

### Length tolerances

When placing an order, the following length tolerances must be taken into account due to the elasticity of the fabric:

Belts without tracking profile: +0/-1.0 [% belt length]

Belts with tracking profile: +0/-1.5 [% belt length]

An appropriate take-up range must be provided for when designing the conveyor.

**EL** = Polyester (elastic)  
**SE** = Flame-retardant, EN340  
**V** = Polyvinyl chloride  
**V...H** = Polyvinyl chloride hard

**AR** = Rough-top  
**LG** = Longitudinal groove  
**MT** = Matte  
**NP** = Inverted pyramid

## Siegling – total belting solutions

Committed staff, quality oriented organization and production processes ensure the constantly high standards of our products and services. The Forbo Siegling Quality Management System is certified in accordance with ISO 9001.

In addition to product quality, environmental protection is an important corporate goal. Early on we also introduced an environmental management system, certified in accordance with ISO 14001.



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### Forbo Siegling service – anytime, anywhere

The Forbo Siegling Group employs more than 2,500 people. Our products are manufactured in ten production facilities across the world. You can find companies and agencies with warehouses and workshops in over 80 countries. Forbo Siegling service points are located in more than 300 places worldwide.

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