siegling transilon
conveyor and processing belts



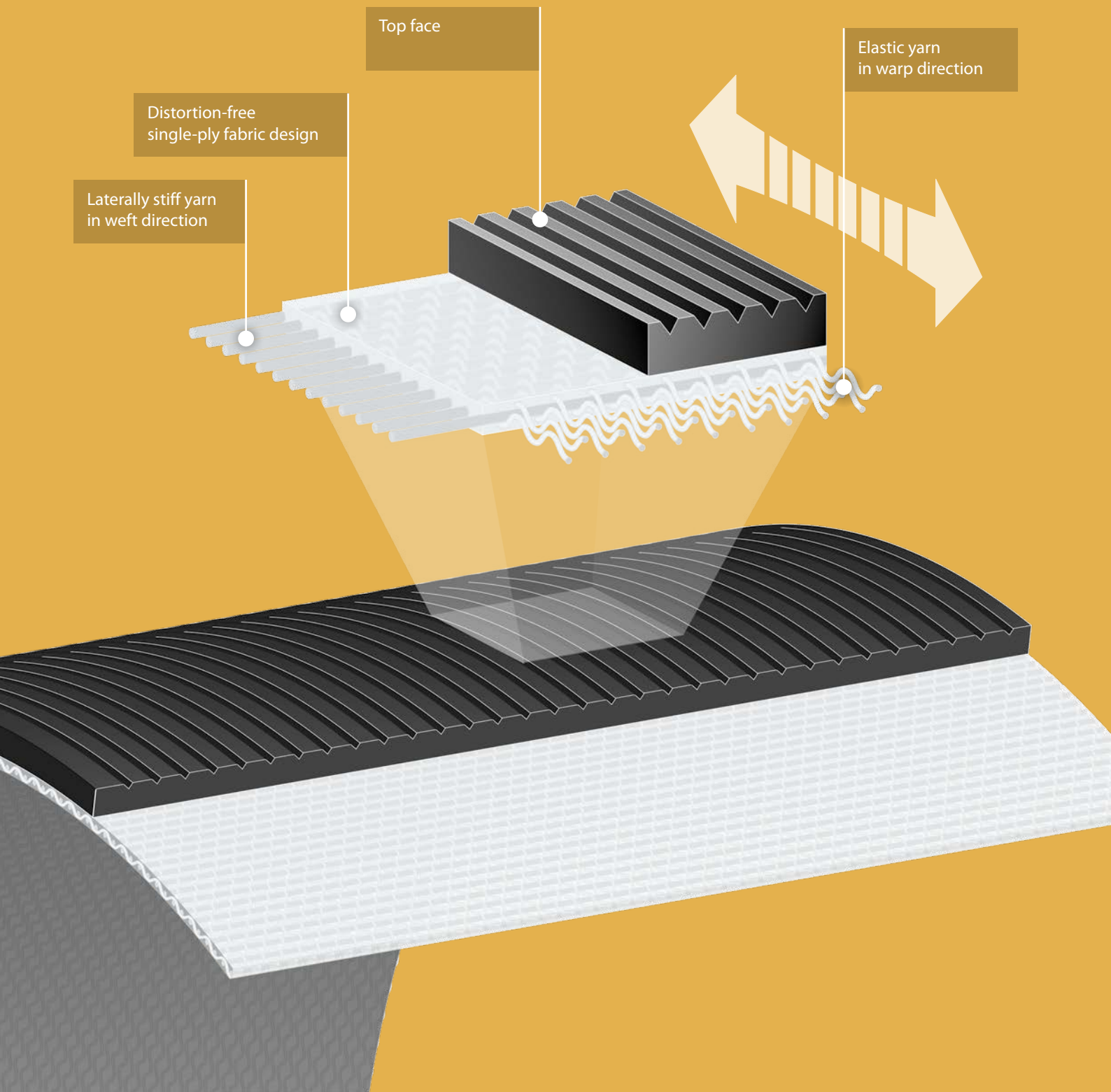
OUR ELASTIC BELTS
… ALWAYS TRACK STRAIGHT

Siegling – total belting solutions

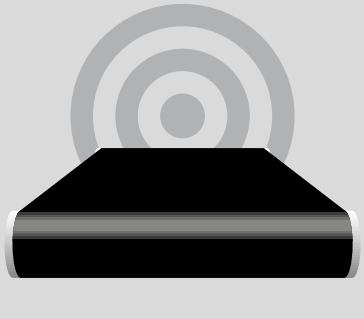
forbo
MOVEMENT SYSTEMS

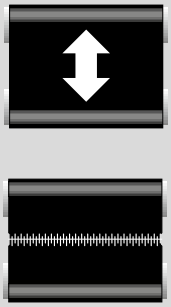
OUR ELASTIC BELTS
. . . ALWAYS TRACK STRAIGHT

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.

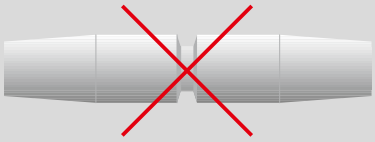


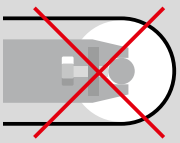
Benefits





- 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 ε [%]	Flame retardant	Food compliance	Inclined conveying, accelerating	Cross-belt sorters	Horizontal conveying, slight accumulation
Elastic belts											
EL 0/V10 LG-SE black	906796	2.25	0.3	45	24	1.5 - 5.0	●		●		
EL 0/V10 LG-SE black 2.25	909230	2.25	0.25	45	24	1.5 - 5.0	●		●		
EL 0/V10 NP-SE black	906797	2.25	0.3	45	24	1.5 - 5.0	●		●	●	
EL 0/V10 NP-SE black 2.25	909231	2.25	0.25	45	24	1.5 - 5.0	●		●	●	
EL 0/V10H MT-SE black	906848	2.20	0.3	85	40	1.5 - 5.0	●				●
EL 0/V20 AR-SE black	906859	4.20	0.3	40	24	1.5 - 5.0	●		●		
EL 0/U2 MT-HACCP blue FDA	906891	1.35	0.5	92	r3*	1.5 - 5.0		●			●
EL 0/U3 NP-HACCP blue FDA	900458	1.50	0.5	92	r3*	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.

Legend
EL = Polyester (elastic)
FDA = Food safe in compliance with EC/FDA (see data sheet)
SE = Flame-retardant, EN340
U = Polyurethane
V = Polyvinyl chloride
V…H = Polyvinyl chloride hard

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

* r3 = Fixed knife edge with minimum radius of 3 mm

Siegling – total belting solutions

Committed staff, quality oriented organization and production processes ensure the constantly high standards of our products and services.

Forbo Movement Systems complies with total quality management principles. Our quality management system has ISO 9001 certification at all production and fabrication sites. What's more, many sites have ISO 14001 environmental management certification.





Our service – anytime, anywhere

Forbo Movement Systems employs around 2,300 people in its group of companies. 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.
Service points are located in more than 300 places worldwide.

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