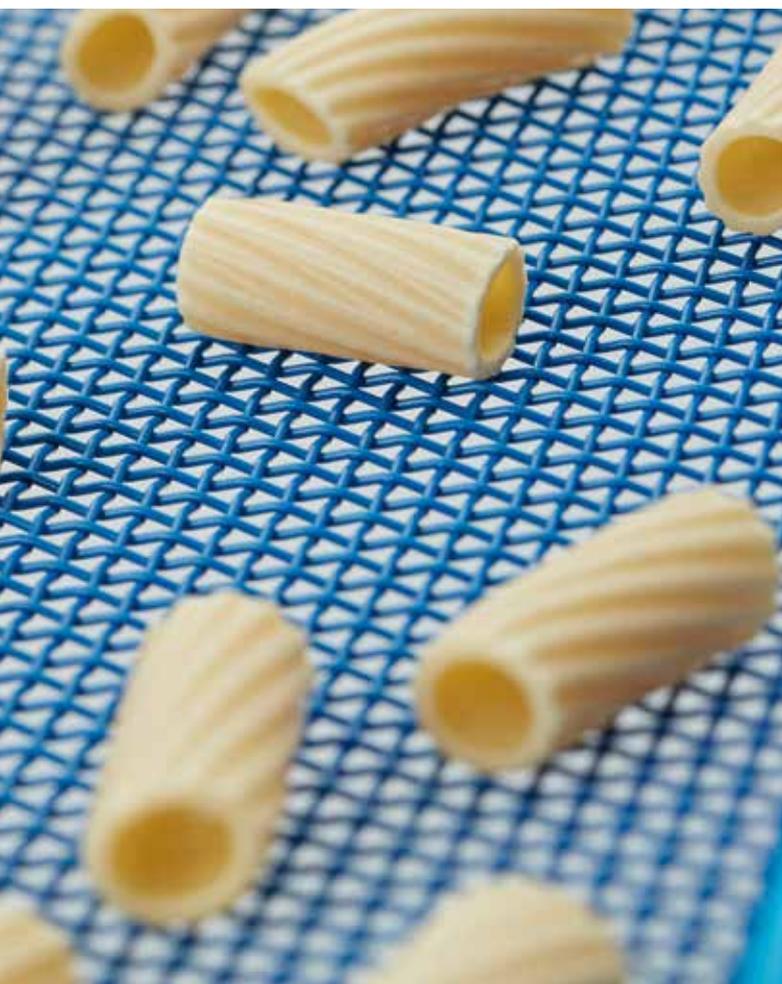




MESH BELTS
EFFICIENT WASHING, DRYING,
COOLING, AND FILTERING



FORBO MESH BELTS

EFFICIENT WASHING, DRYING, COOLING, AND FILTERING

Forbo mesh belts enable efficient washing, drying, cooling, and filtering processes, which are impossible with conventional belting material. They have an excellent track record on hundreds of customers' conveyors in the food-manufacturing industries and other sectors. Their robust design and long service lives guarantee reliable support of processes, but low maintenance requirements.

Various mesh sizes, as well as optional side walls and profiles, mean tailor-made belting solutions for all sorts of applications, for instance:

- When washing and drying vegetables, fruit, lettuce, and fish,
- When treating waste water,
- As filtering or suction belts,
- During drying and cooling processes,
- For drainage purposes.

The advantages

Quick and easy to clean.
Meet rigorous hygiene requirements.



Made for direct contact
with foodstuffs.



**FDA
and EU
compliant**

Long service life due to resistance to
hydrolysis, wear and tear, and
vegetable and animal fats.



A practical splicing system enables
fast belt fitting or replacement.



PRODUCT DESIGN AND TECHNICAL INFORMATION

Linear mesh design in a 1/1 weave.
Mesh size and open area depend on the belt type

Robust polyester wire.
Warp and weft thickness depends on the belt type

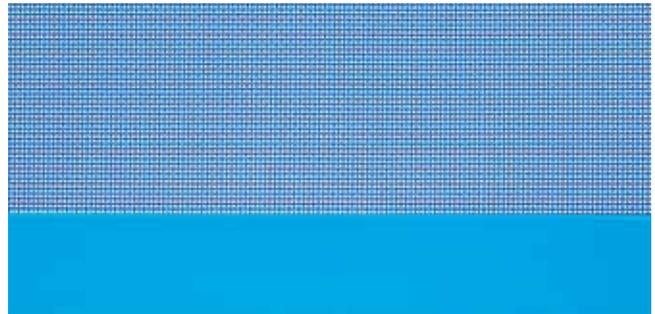
Two variants of closed edge sealing.

Depending on whether homogeneous Fullsan material FLT U30 GL/MT-NA-HACCP blue FDA (art. no. 640013) or fabric-based Transilon material E 8/2 V5/V8 NP MT blue FDA (art. no. 906567) is used.

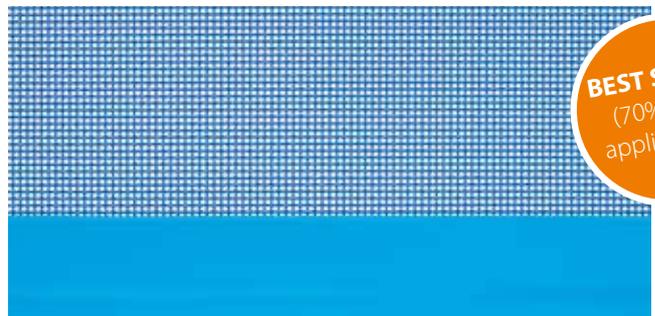
What all belt types have in common

Authorized operating temperature [°C]	-10 to +75
Tiny drum diameters [mm] (regardless of the type of splice)	100
Elongation at fitting [%]	0.3 – 1.0

Article number	910066
Belt type	E 600 / 30 blue
Warp/weft diameter [mm]	0.65/0.65
Edge-sealing width [mm]	30
Thickness [mm]	1.2
Open area [%]	20
Mesh size [mm]	0.65
Air permeability $y_{dp} = 200 \text{ Pa}$ [l/m ² s]	4450
Weight [kg/m ²]	0.8

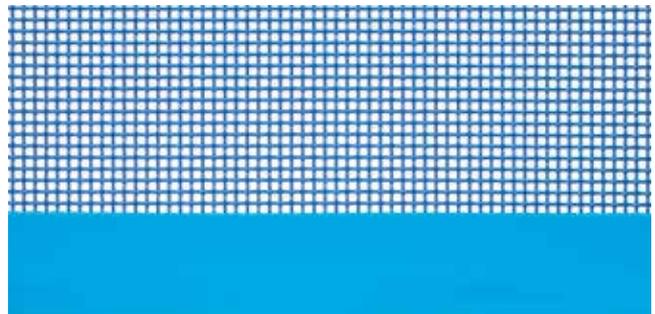


Article number	910060
Belt type	E 1000 / 30 blue
Warp/weft diameter [mm]	0.8/0.8
Edge-sealing width [mm]	30
Thickness [mm]	1.5
Open area [%]	30
Mesh size [mm]	1.0
Air permeability $y_{dp} = 200 \text{ Pa}$ [l/m ² s]	7500
Weight [kg/m ²]	0.8

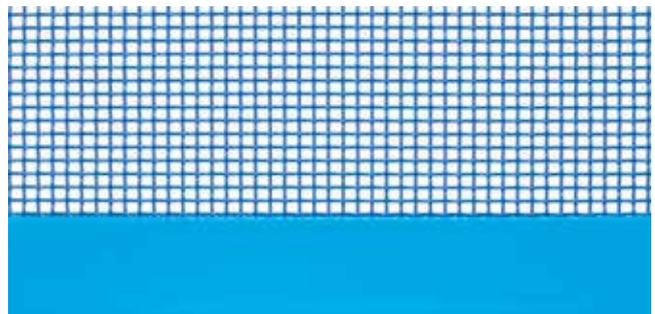


BEST SELLER
(70% of all applications)

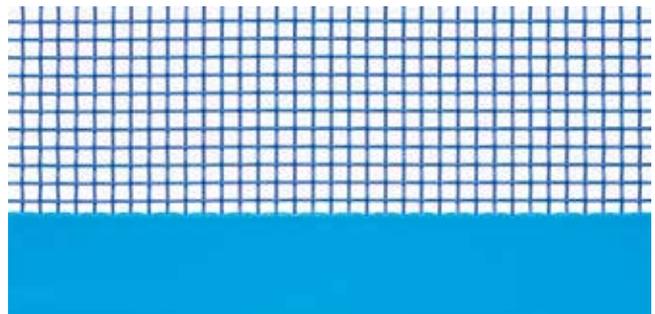
Article number	910062
Belt type	E 2000 / 45 blue
Warp/weft diameter [mm]	1.0/1.0
Edge-sealing width [mm]	30
Thickness [mm]	1.85
Open area [%]	45
Mesh size [mm]	2.0
Air permeability $y_{dp} = 200 \text{ Pa}$ [l/m ² s]	10500
Weight [kg/m ²]	0.8



Article number	910063
Belt type	E 3000 / 55 blue
Warp/weft diameter [mm]	1.0/1.0
Edge-sealing width [mm]	30
Thickness [mm]	1.8
Open area [%]	56
Mesh size [mm]	3.0
Air permeability $y_{dp} = 200 \text{ Pa}$ [l/m ² s]	13700
Weight [kg/m ²]	0.6



Article number	910064
Belt type	E 4000 / 60 blue
Warp/weft diameter [mm]	1.0/1.0
Edge-sealing width [mm]	30
Thickness [mm]	2.0
Open area [%]	63
Mesh size [mm]	4.0
Air permeability $y_{dp} = 200 \text{ Pa}$ [l/m ² s]	>15000
Weight [kg/m ²]	0.5



SPLICE TYPES



Z-splices



Mechanical splices

Forbo supplies ready-to-fit finished belts that can be spliced in two ways:

- Z-splice 35 x 11.5 mm ADV09A
- or
- Mechanical fasteners HS-177 (art. no. 880444)

If mechanical fasteners are used, the belt can be spliced on the conveyor itself.

Consequently, time-consuming dismantling of rollers, drums or other components is no longer necessary.



CUSTOMIZED VERSIONS

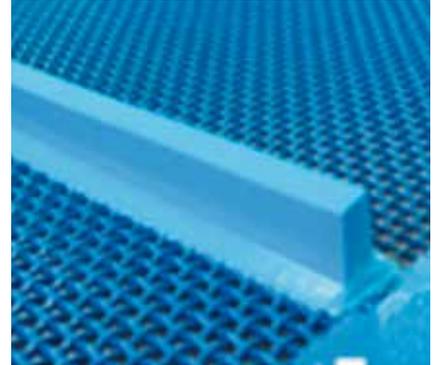
Forbo mesh belts are carefully finished to suit the application concerned.

Therefore, tracking profiles, support profiles, or side walls can be added. All the materials used in the profiles or side walls are also FDA and EU compliant.

Please contact our customer services about any other finishing options.



Longitudinal profiles (tracking profile)

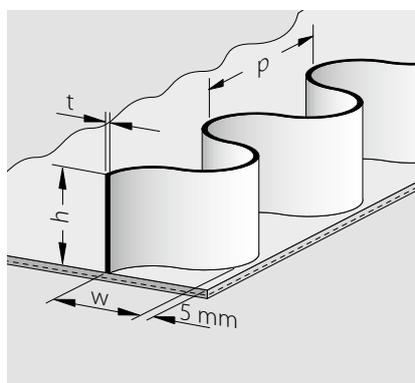
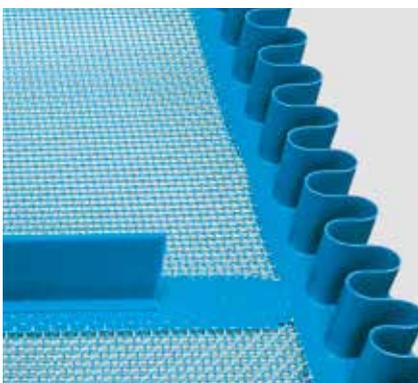


Flights

Art. no.	Type
811792	K6 V60 blue
811793	K10 V60 blue
811794	K13 V60 blue
811795	K17 V60 blue
888009	K6 PU blue
880517	K10 PU blue
881233	K13 PU blue
888411	K17 PU blue
880231	K6 U65 transparent FDA
880235	K10 U65 transparent FDA
880237	K13 U65 transparent FDA
880240	K17 U65 transparent FDA

Art. no.	Type
880147	T10 PU blue
881804	T20 PU blue
881805	T30 PU blue
881806	T40 PU blue
881807	T50 PU blue

Side walls



h [mm]	p [mm]	w [mm]	t [mm]
40	25	24	1.6
50	25	24	1.6

Other heights are available on request. Side walls can be welded on up to a maximum belt width of 1400 mm.

Side wall material:
UU 60U-NA FSTR/FSTR blue FDA
(art. no. 855595)

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.



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Our service – anytime, anywhere

Forbo Movement Systems employs around 2,500 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.

Forbo Siegling Italia S.p.A.

Via Sondrio 4, I-20037 Paderno Dugnano (Mi)
Phone: +39 029 100 231, fax: +39 029 904 5670
www.forbo-siegling.it, siegling.it@forbo.com

Please send any enquiries and orders to
customerservice.parma@forbo.com



MOVEMENT SYSTEMS