

Product range



siegling mesh belts

Siegling Mesh belts

The new Siegling Mesh belts comply with the EU 1935/2004 and FDA (US Food and Drug Administration) regulations. They are ideal for the following purposes:

- washing and drying vegetables, salads, vegetables and fish
- for treating waste water
- as filter or suction belts
- for drying and cooling processes
- for drainage

Materials

Siegling Mesh belts are available in different materials:

- polyester meshes with PVC or polyurethane options
- PTFE (Teflon) coated fibre glass, or aramide fabric in different types.

All materials are highly resistant to animal and plant fats and oils.

Finishing

Longitudinal reinforcement strips are standard, lateral reinforcement strips are also available on request. They consist of fabric-reinforced or homogenous PVC or polyurethane and can be 25 to 100 mm wide. There is also an extensive range of finishing options for profiles and side-walls.

Siegling Mesh belts are already finished when supplied, or prepared for Z or Z-overlap splicing. Mechanical fasteners made of metal (wire hooks, panel connectors) or plastic can also be used.

The properties

The advantages

FDA/EU-compliant mesh, reinforced belt edges	▶ extremely hygienic
highly resistant to hydrolysis and abrasion	▶ long service lives
different mesh sizes	▶ ideal drainage properties
metal or plastic fasteners possible	▶ belts quick to exchange
fast delivery	▶ short downtimes, so low warehousing costs for parts

Technical information

Type	Mesh size [µm]	Permeability [%]	d _{min} (longitudinal reinforcement strips)	d _{min} (longitudinal reinforcement strips with fabric)
E 1000/30 blue FDA	1000	31	80	150
E 2000/45 blue FDA	2000	42	80	150
E 3000/55 blue FDA	3000	53	80	150
E 4000/60 blue FDA	4000	61	80	150

Further mesh sizes and materials (PTFE) on request.

Type key for Siegling Mesh belts

E 1000 / 30 blue FDA

Fabric (polyester)

approx. permeability [%]

Colour

FDA compliance