

# 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 <sub>min</sub> (longitudinal reinforcement strips) | d <sub>min</sub> (longitudinal reinforcement strips with fabric) |
|---------------------|----------------|------------------|--|--|
| E 1000/30 blue FDA  | 1000           | 31               | 80   | 150  |
| E 1000/30 white FDA | 1000           | 31               | 80   | 150  |
| E 2000/45 blue FDA  | 2000           | 42               | 80   | 150  |
| E 2000/45 white FDA | 2000           | 42               | 80   | 150  |
| E 3000/55 blue FDA  | 3000           | 53               | 80   | 150  |
| E 3000/55 white FDA | 3000           | 53               | 80   | 150  |
| E 4000/60 blue FDA  | 4000           | 61               | 80   | 150  |
| E 4000/60 white FDA | 4000           | 61               | 80   | 150  |

Further mesh sizes and materials (PTFE) on request.

### Type key for Siegling Mesh belts

