

# Ultrascreen Belts

## Hygienic De-watering & Drying



**Ammeraal Beltech is a leading manufacturer of process and conveyor belting with an established reputation for developing innovative solutions for belting applications.**

In most industries and especially the food industry, Ammeraal Beltech has the application knowledge and product range to be a perfect partner.

With a full range of belting products Ammeraal Beltech is able to provide well considered solutions for all belting processes. For the processing of vegetables, fruits and fish, Ultrascreen Belts with polyester monofilaments are the proven solution.

Ultrascreen Belts are fabricated with lateral and longitudinal strips to provide stability. Executed with guide ropes for proper tracking and cleats for inclined conveying.

### Main features

- Excellent drainage of liquids
- Special non-food blue color
- Excellent tracking properties
- Both metallic and non-metallic endlessing possible
- These belts are tough and have reliable running properties

### Benefits

- High permeability resulting in high production output
- The right mesh opening for any product
- Improved production output because of very good product release
- Easy to clean and disinfect
- Excellent hygienic qualities, supports HACCP systems
- Reduced product contamination

### Typical applications

- De-watering
- Washing and rinsing
- Drying and cooling

# Innovation & Service in Belting

## Applications

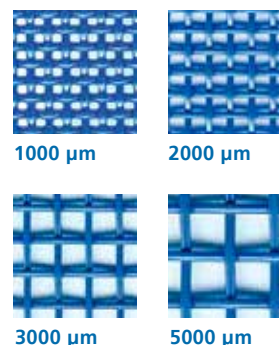
The main application of Ammeraal Beltech Ultrascreen Belts is the de-watering and drying of washed fresh cut vegetables. Various different mesh sizes of the screen material allow the perfect solution for each product size. Combined with a large open area the result is the highest possible production output.

Ultrascreen Belts are also used in cooling processes, recycling of used washing water, waste water treatment, filtering, sieving and squeezing.

General Technical Data	
Mesh openings	1000, 2000, 3000, 5000 µm
Material	100% polyester monofilament
Color	light blue
Stabilizing strips	PVC
Air permeability	13700 to 34000 m <sup>3</sup> /m <sup>2</sup> /h@100Pa, depending on mesh size
Water permeability	700 to 2060 mm/s, depending on mesh size
Open area	25 to 60%, depending on mesh size
Max. width	2000 mm
Food standards	EC 1935/2004, FDA
Belt properties	determined by the properties of stabilizing strips and accessories
<i>Recyclable version available</i>	

## Food compliance

Ultrascreen Belts meet the highest hygiene demands and comply with FDA and EC 1935/2004 requirements. All belt parts – screen, stabilizing strips, cleats and splice – are very easy to clean and support hygiene systems such as HACCP.



Ultrascreen Belt with cleats



Belt support return part

Various belt accessories can be applied:

- » Cleats for inclined conveying
- » Guide ropes to assist in tracking
- » All belts have completely-closed belt edges for improved hygiene and safety

## One-Stop Belt Shop

*Knowing your process* Industry and product knowledge are the foundation of an innovative and service-oriented organization

*All your belting needs* Ammeraal Beltech developed a wide range of belting and accessories to assist in improving hygiene levels to protect against food borne or disease causing bacteria

*Just-in-time delivery* World-wide distribution and large service network; skilled personnel are on call to repair and install belts using professional equipment, suitable for food plants

## Fabrication Capabilities – USA

### Reinforcement Strips

Light Blue PVC  
30 mm, 40 mm, 50 mm, 60 mm wide

### Cleats

Light Blue TPU  
20 mm, 35 mm, 50 mm, 75 mm high

### V-guides

Light Blue PVC  
K10 & K13 Solid  
(All profiles available in White PVC)

### Lace

Ready Set Staple, Clipper, Alligator

### Splice Ultrascreen by Lateral Strip

### Prep Splice – Finger

80 x 20 x 90



Expert advice, quality solutions and local service for all your belting needs  
[www.ammeraalbeltech.com](http://www.ammeraalbeltech.com)

## Ammeraal Beltech North America

7501 N. St. Louis Avenue  
Skokie, IL 60076

T +1 847 673 6720  
F +1 847 673 6373  
TF +1 800 323 4170

This information is subject to alteration due to continuous development. Ammeraal Beltech will not be held liable for the incorrect use of the above stated information. This information replaces previous information. All activities performed and services rendered by Ammeraal Beltech are subject to general terms and conditions of sale and delivery, as applied by its operating companies.

info-us@ammeraalbeltech.com  
[www.ammeraalbeltech.com](http://www.ammeraalbeltech.com)