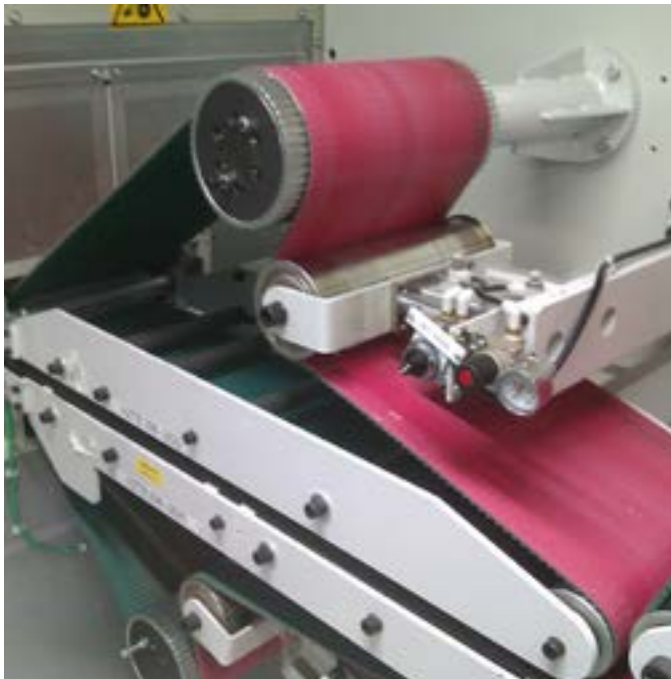
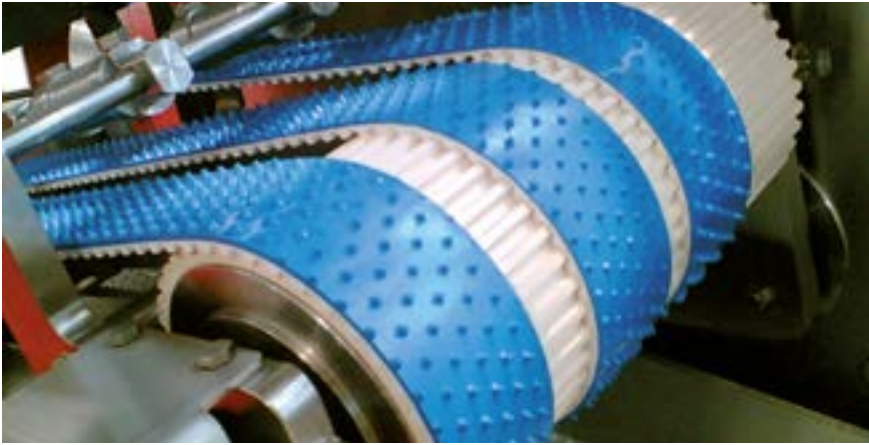


# Ultrasync Belts and Plastic Pulleys for Positive Drive





## Ultrasync for Positive Drive

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

One of these solutions is the Ultrasync belt. In an Ultrasync belt the best properties of a standard synthetic conveyor belt and a positive drive belt are combined. The Ultrasync belt range is especially suitable for applications in industries like the Food Industry, Hygiene Industry, tyre building and in packaging and assembly processes.

Benefits of Ultrasync belts are:

- Exact positioning
- Perfect synchronous conveying
- No slippage in start-stop operations
- Belts up to 1000 mm wide
- Bidirectional conveying
- Improved belt tracking
- Low belt tension
- Simple and light conveyor construction

Ultrasync belts are driven by T10 toothed pulleys that match the T10 toothed bottom side of the belt. Apart from pulleys manufactured in aluminium, (cast)steel or stainless steel Ammeraal Beltech offers Ultrasync pulleys manufactured from HDPE. This light synthetic material reduce the start-stop torque and are resistant to the cleaning and disinfecting agents that are used in the Food Industry. Numerous pulley executions are possible, just ask us for a quote.

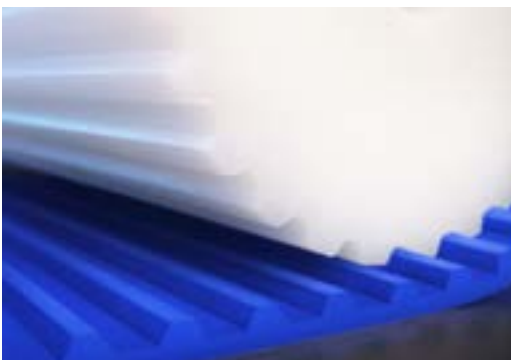


Ammeraal Beltech  
member European  
Hygienic Engineering  
& Design Group



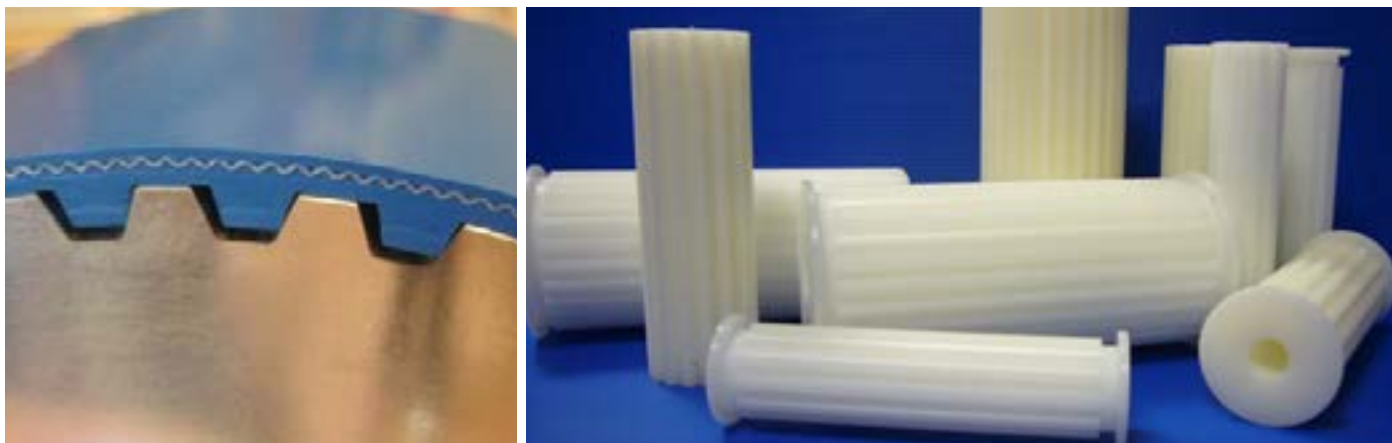
Food Grade belts comply  
with EC 1935/2004  
and FDA standards  
supporting your  
ISO 22000 requirements  
(previously HACCP)

## Ultrasync Plastic Pulleys



### Advantages of Ultrasync plastic pulleys

- 100% non-marking material
- Resistance to cleaning agents which are used in the Food Industry
- Food Grade (FDA, EC)
- Standard relief groove when supplied with flanges
- Locking device with brass inserts and stainless steel bolt
- Lightweight / start-up torque
- Competitive pricing
- Quick delivery



# Ultrasync Belts

## Typical applications

### Packaging and assembly

- Exact positioning
- Synchronised conveying
- Slip free start-stop operation

### Food Industry

- Compliance with Food Grade standards EC 1935/2004 and FDA
- Non-stick profiles
- Light blue colour for detection of contamination
- Amseal edge protection possible
- Closed tooth side, no coil-nose

### Hygiene paper production

- Low friction fabric for vacuum lanes
- High speeds - up to 450 m/min
- Silicone covers for optimum grip and non stick properties
- High tensile strength even with vacuum holes due to fabric base

### Tyre building

- Synchronised and precise positioning
- High release properties
- Optimum grip covers for positioning
- Less downtime – splicing on site

## General Technical Data

	<b>Ultrasync</b>
Belt type	PES, polyester fabric
Tension member	thermoplastic TPU or TPE-E, silicone, low friction fabric
Material top cover	smooth, fine square profile, (bare) fabric
Colours top cover	white, blue, ivory, green
Bottomside	T10 profile
Food Grade standards	EC 1935/2004 and FDA
Max. width	1000 mm

## Fabrication feasibilities

Ultrasync Belts are fabricated using the same methods as for synthetic conveyor belts and timing belts. These include splicing or belt fasteners (also onsite), perforations, grinding, cleats, sidewalls, V-guides, Amseal belt edges and cover materials.



Amseal



Cleats



Sidewalls

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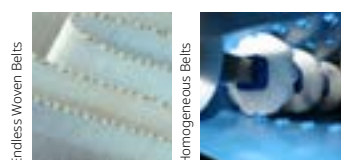
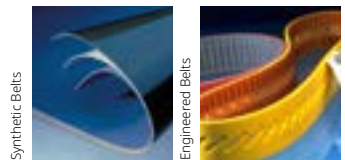
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**Expert advice, quality solutions  
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