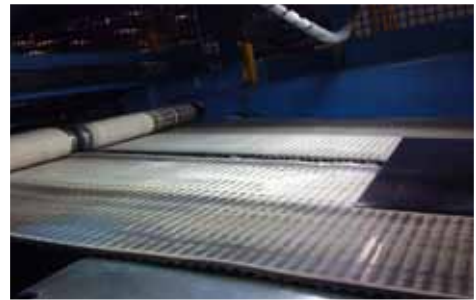


# Ultrasync Belts for Positive Drive



Ammeraal Beltech is a leading manufacturer of process and conveyor belting with an established reputation for developing innovative solutions for belting applications. One of these solutions is a new generation of belts: Ultrasync Belts are fabric based positive drive belts, combining the advantages and characteristics of synthetic conveyor belts and positive drive belts like modular and timing belts.

#### Main features

- Positive drive - no slippage, even in wet and oily conditions
- Food Grade
- Very wide; 1000 mm
- Water, oil and chemical resistant

#### Benefits

- Positive drive:
  - › Less tension
  - › No slippage
  - › High acceleration
- Improved tracking

#### Typical applications

- Hygienic paper production lines
- Tyre building
- Food processing
- Start-stop applications
- Metal detecting
- Synchronous conveying and positioning
- Precision high speed indexing and motion
- Packaging machines
- Automated process lines
- Vacuum applications

# Innovation & Service in Belting

## Combined benefits

Ultrasync Belts offer the combined benefits of synthetic conveyor flat belts and positive drive belts to increase production throughput and yield on production lines.

## Fabrication feasibilities

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

## Food industry

- Compliance with Food Grade standards EC 1935/2004, EU 10/2011 and FDA
- Non-stick profiles
- Light blue colour for detection of contamination
- Amseal edge protection possible

## Hygiene paper production

- Low friction fabric for vacuum lanes
- High speeds - up to 450 m/min
- Optimum grip covers for positioning
- High tensile strength even with vacuum holes due to fabric base

## Tyre building

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

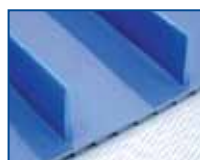


General Technical Data	
Belt type	<b>Ultrasync</b>
Tension member	PES, aramid fabrics
Material top cover	thermoplastic TPU or TPE-E, silicone, (nylon) fabric
Top surface finish	smooth, Fine Square profile, (bare) fabric
Colours top cover	white, blue, ivory, green
Bottomside	T10 profile
Food Grade standards	EC 1935/2004, EU 10/2011 and FDA
Temperature range	-10 to +100°C
Max. width	1000 mm
Min. pulley diameter	from 36 to 110 mm
Min. pulley back flexing	from 40 to 70 mm

## Fabrication feasibilities



Customised holes



Cleats



Low friction fabric  
on toothed side



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