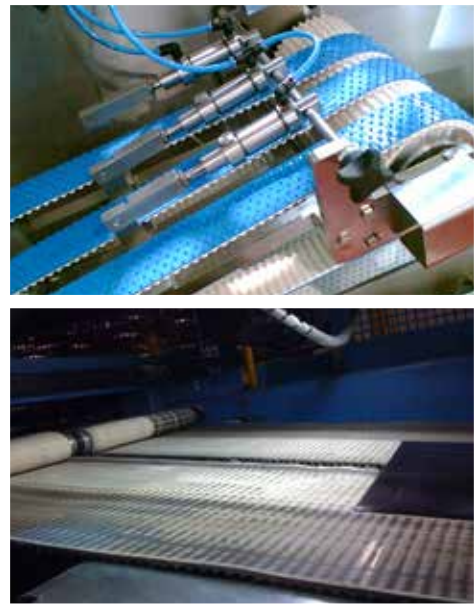


Ultrasync Belts for Positive Drive



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

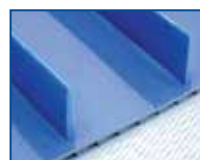


| General Technical Data | |
|--------------------------|--|
| Belt type | Ultrasync |
| Tension member | PES, aramid fabrics |
| Material top cover | thermoplastic TPU or TPE-E, silicone, (nylon) fabric |
| Top surface finish | smooth, Fine Square profile, (bare) fabric |
| Colours top cover | white, 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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and local service
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