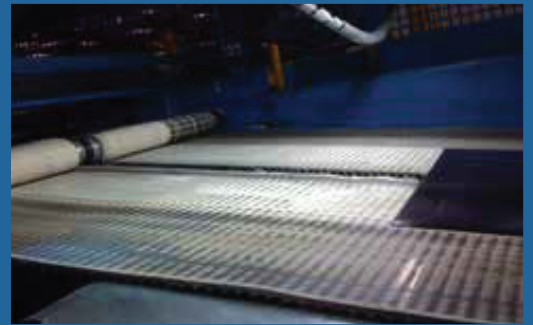
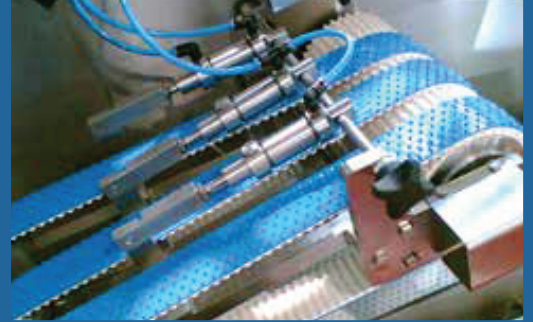


Belting Edge - Ultrasync Belts for Positive Drive

BELT TECHNICAL DATA SHEET



Belting Edge 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

Belting Edge - Ultrasync Belts for Positive Drive

BELT TECHNICAL DATA SHEET

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 Grade belts
comply with
EC 1935/2004,
EU 10/2011 and
FDA standards

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

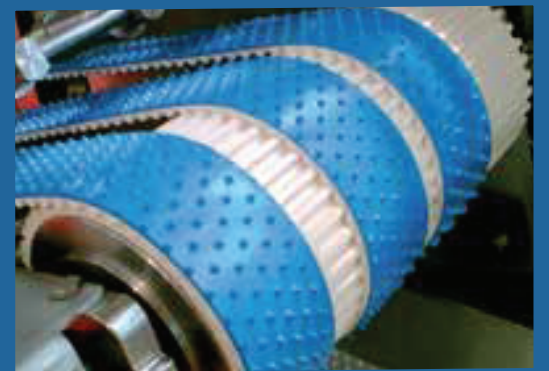
- Low friction fabric for vacuum lanes
- High speeds - up to 450 m/min
- Optimum grip covers for positioning
- High tensile strength even with vacuum holes due to fabric base

Tyre building

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

General Technical Data

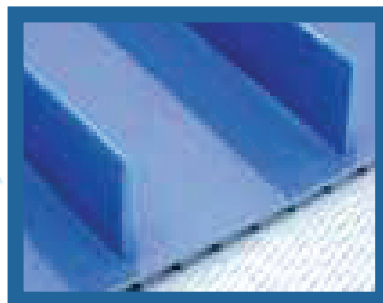
Belt type	Ultrasync
Tension member	PES, aramid fabrics
Material top cover	thermoplastic TPU or TPE-E, silicone, (nylon) fabric
Top surface finish	smooth, Fine Square profile, (bare) fabric
Colours top cover	white, blue, ivory, green
Bottomside	T10 profile
Food Grade standards	EC 1935/2004, EU 10/2011 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



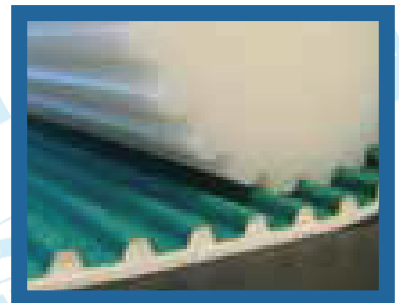
Fabrication feasibilities



Customised holes



Cleats



Low friction fabric on toothed side

BELTING EDGE cc 14 Lauda Rd, Killarney Gardens,
Western Cape, South Africa
el. +27 (0) 21 557 0129 - Fax +27 (0) 21 557 3627
huston@beltingedge.co.za - www.beltingedge.com



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