



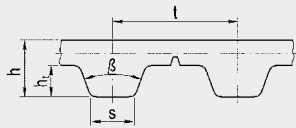
MATERIAL HANDLING
CONVEYOR BELTS
FOR THE FOOD INDUSTRY



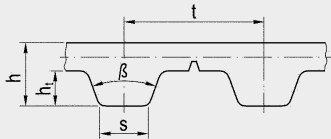
optibelt ALPHA LINEAR / V

WITH ARAMID TENSION MEMBERS FOR THE FOOD INDUSTRY

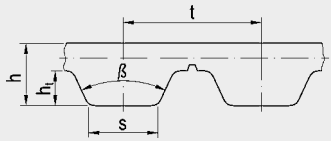
PROFILES WITH ARAMID TENSION MEMBERS



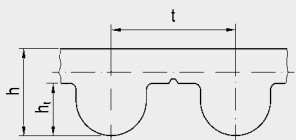
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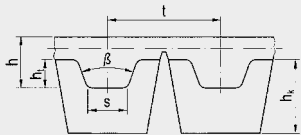
T5, T10, T20



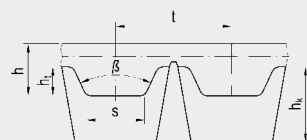
AT10



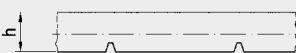
8M



T10K6, T10K13



AT10K6, AT10K13



F2

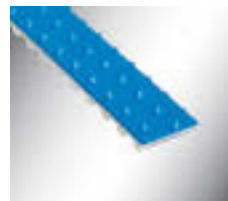


optibelt ALPHA LINEAR and **ALPHA V** timing belts are produced with a polyurethane, approved for direct contact with food. At that point the broad product range with a huge range of profiles with aramid or stainless steel tension members can take hold.

The polyurethane product is available with a Shore A hardness of 85 in colour blue or transparent. The profiles T5 and T10 out of polyurethane, 85 Shore A, blue with aramid tension members are available ex stock.

All other profiles listed in the column to the left are produced on request.

The thermoplastic polyurethane is perfectly suitable for welding of cleats which are produced from the same approved base material like the timing belts.



Furthermore the **optibelt ALPHA V** timing belt can be coated with a variety of backings which are also suitable for the food industry.

Advantages:

- Suitable for direct contact with food
- For the conveyance of packed and unpacked food
- For dry or wet conveyance of food
- Can be welded in pitch steps (depending on the profile from 400 mm)

Application example:

- Food industry
- Pharmaceutical industry
- Cosmetics industry

optibelt ALPHA LINEAR / V

WITH STAINLESS STEEL TENSION MEMBERS FOR THE FOOD INDUSTRY

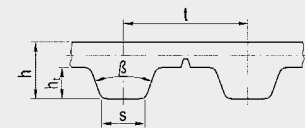


The profiles T10 and AT10 out of polyurethane, 85 Shore A, transparent, with stainless steel tension members are available ex stock. All other profiles listed in the column to the right are produced on request.

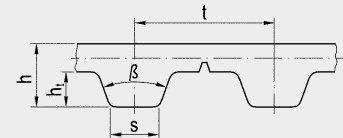
It is confirmed that the polyurethane of the OPTIBELT timing and round belts meets the legal and standard requirements, always in their update versions and is qualified for a consumer product for direct food contact:

- Regulation (EC) No. 1935/2004 (umbrella regulation for food contact materials)
- Regulation (EU) No. 10/2011 (plastic food-contact materials) and following amendments
- Regulation (EC) No. 2023/2006 (Good Manufacturing Practice / GMP)
- German Commodity Ordinance (German regulations on food contact materials) and following amendments (LFGB) §§ 30 and 31
- BfR recommendation No. XXVIII (Status 01/2012), IX and XLVII (Status 01/2010) (BfR = Federal Institute of risk assessment, Germany)
- FDA
 - CFR 21 § 177.260 "For Melt Coating and Calendering for Conveyor Belting"
 - CFR 21 § 175.300 "Resinous and Polymeric Coating"
 - CFR 21 § 175.105 "Adhesive"
 - CFR 21 § 178.3297 "Colorant of Polymer"

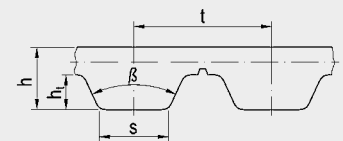
PROFILES WITH STAINLESS STEEL TENSION MEMBERS



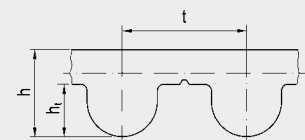
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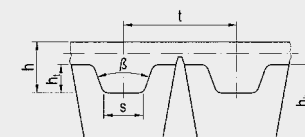
T10, T20



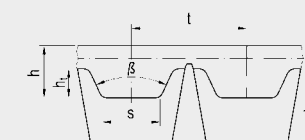
AT10



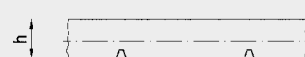
8M



T10K6, T10K13



AT10K6, AT10K13

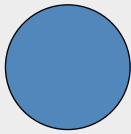


F2

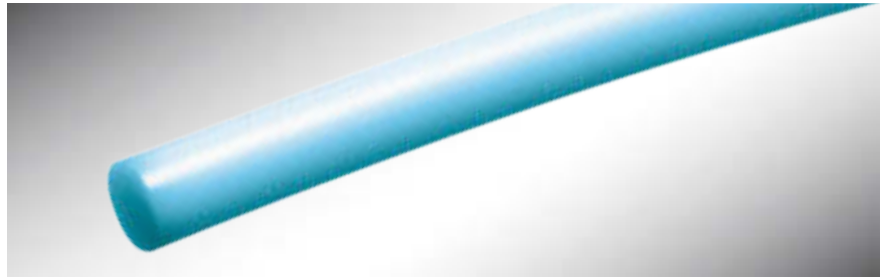
optibelt RR

ROUND BELTS FOR THE FOOD INDUSTRY

DIAMETER



2 to 20 mm



The smooth **optibelt RR** round belt is produced with a polyurethane, approved for direct contact with food. A wide range of different diameters is available.

The polyurethane could be offered in a hardness of 85 Shore A in blue colour.

Advantages:

- Welding on the spot
- No disassembly of the drive / shaft
- Quick breakdown elimination
- Short downtimes
- Simple storage (on rolls)

Application example:

- Food industry
- Pharmaceutical industry
- Cosmetics industry

Declaration of compliance, technical data sheets are available on request.

If you have any questions, do not hesitate to contact our application engineering.

OPTIBELT GmbH

Corveyer Allee 15
37671 Hörter
GERMANY

T +49 (0) 52 71- 621
F +49 (0) 52 71-97 62 00
E info@optibelt.com

OPTIBELT MATERIAL HANDLING

Im Emerten 11
31737 Rinteln
GERMANY

T +49 (0) 57 51-9 67 79-0
F +49 (0) 57 51-9 67 79-10
E info@ecobelt.com

www.optibelt.com

