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Driving gear and conveyor technology
Profiled belts
Continuous round belts turned and plaited

PU-V-Ledged Bands

EU/FDA Compliant



PU-V-Ledged Bands

In the width division 17,5 mm



By dividing the guide wedge
in several small wedges considerably smaller deflection diameter can be realized compared to bands with only one large central guide wedge.

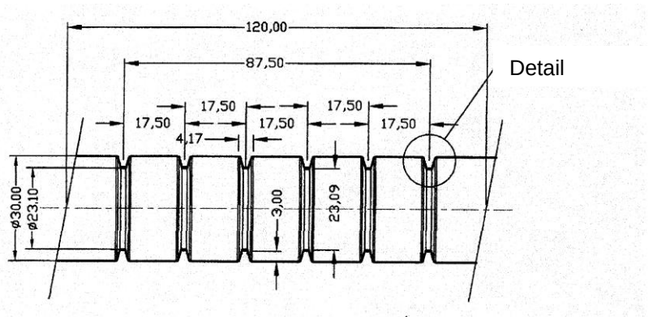
Thus, the lateral transverse forces are spread evenly over the entire width of the band.

Easy to guide and absolutely true to track.

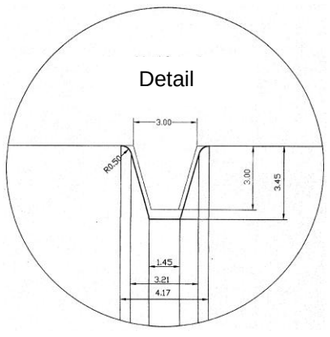
Due to the large selection of our types you may find right band for every applicatior

All types are EU/FDA compliant
according to EC directive 1935/2004 and 2002/72/EC or EU VO No. 10/2011
as well as the FDA guideline CFR Title 21
of the US Food and Drug Administration for direct contact with unpackaged food.





Roller profile



Wedge stitch

Band types

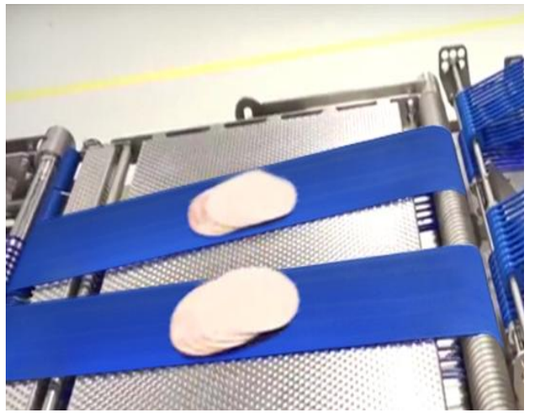
Typ	Minimum pulley-diameter	Pre-tension recommended	Tracking force[2] in N per 17.5 mm width at 2% preload	Available widths
314 60 Sh.A ultramarine blue, EU/FDA	25 mm	2 %	7,2 N	17,5 – 105 mm
315 70 Sh.A sapphire, EU/FDA	30 mm	2 %	10,8 N	17,5 – 105 mm
316 75 Sh.A sky blue, EU/FDA	35 mm	2 %	21,6 N	17,5 – 105 mm
317 80 Sh.A transparent, EU/FDA	40 mm	2 %	18,6 N	17,5 – 105 mm
318 85 Sh.A ultramarine blue, EU/FDA	40 mm	2 %	20,8 N	17,5 – 105 mm
319 90 Sh.A white EU/FDA	50 mm	2 %	25,6 N	17,5 – 105 mm

[2] Dynamically tested at 2000 r/min.

Material properties

Type	Adhesion	Friction coefficient[1] µ to V2A Steel / Murtfeld S green ground	Friction coefficient[1] µ to V2A Steel / Murtfeld S green Superfinish	Temperature-resistant °C	Tensile strength MPa DIN 53504-S2 / ISO 37	Abrasion mm³ DIN ISO 4649-A
60 Sh.A ultramarine blue, EU/FDA	very high	0,70 µ	0,40 µ	-30°C - +55°C	26	44
70 Sh.A sapphire, EU/FDA	very high	0,65 µ	0,40 µ	-35°C - +60°C	30	45
75 Sh.A sky blue, EU/FDA	high	0,60 µ	0,40 µ	-20°C - +60°C	45	30
80 Sh.A transparent, EU/FDA	high	0,55 µ	0,30 µ	-20°C - +60°C	45	25
85 Sh.A ultramarine blue, EU/FDA	average	0,55 µ	0,30 µ	-20°C - +60°C	45	25
90 Sh.A white, EU/FDA	low	0,45 µ	0,25 µ	-15°C - +70°C	50	25

[1] According to Pflug test specification SPPN 91.001

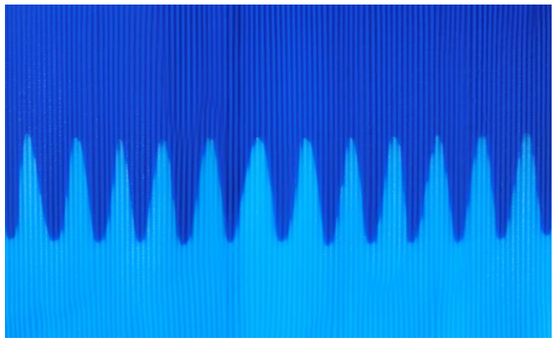


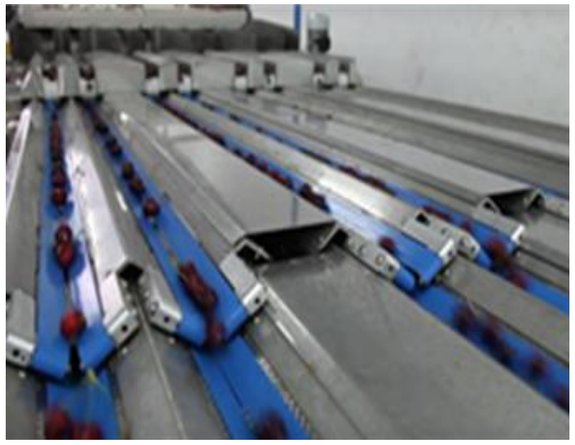
Our FDA/EU-compliant types are characterized by:

- excellent resistance to hydrolyses
- very good resistance to microbes
- particularly suitable for the use in wet areas
- highly abrasion-resistant
- high flexibility at low temperatures
- available from 60 Sh.A – 90 Sh.A
- easy to clean

V-ledged bands are manufactured ex works from 320 mm with finger-joints and shape-welding[3].

This guarantees smooth running, even under mechanical stress or small deflections.





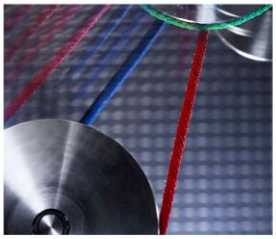


V-ledged bands in washing and sorting units for fruits

[3] European Patent No. 2 957 419

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Company profile



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Testing Service



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Welded timing belts in short lengths



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Round belts for heat-setting machines



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Endless injected round belts



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Endless turned round belts



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Endless plaited round belts



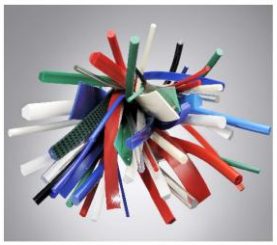
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Hooked belts



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PU round- and profile belts



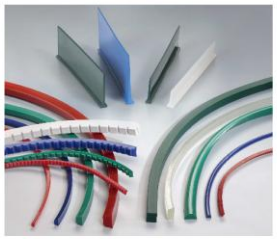
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PU profile belts and special profiles



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PU tracking guides, cleats and guides



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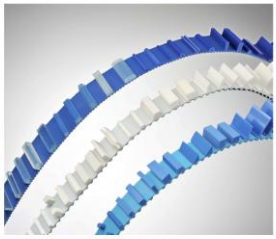
Food line

Types for the food industry compliant to EU/FDA



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PU cleats and block profiles



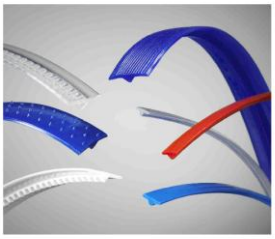
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PU Poly-V belts



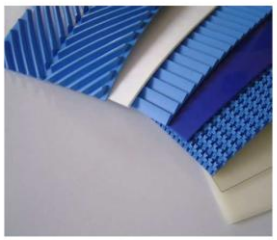
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PU-V-guide belts compliant to EU/FDA



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PU coatings



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