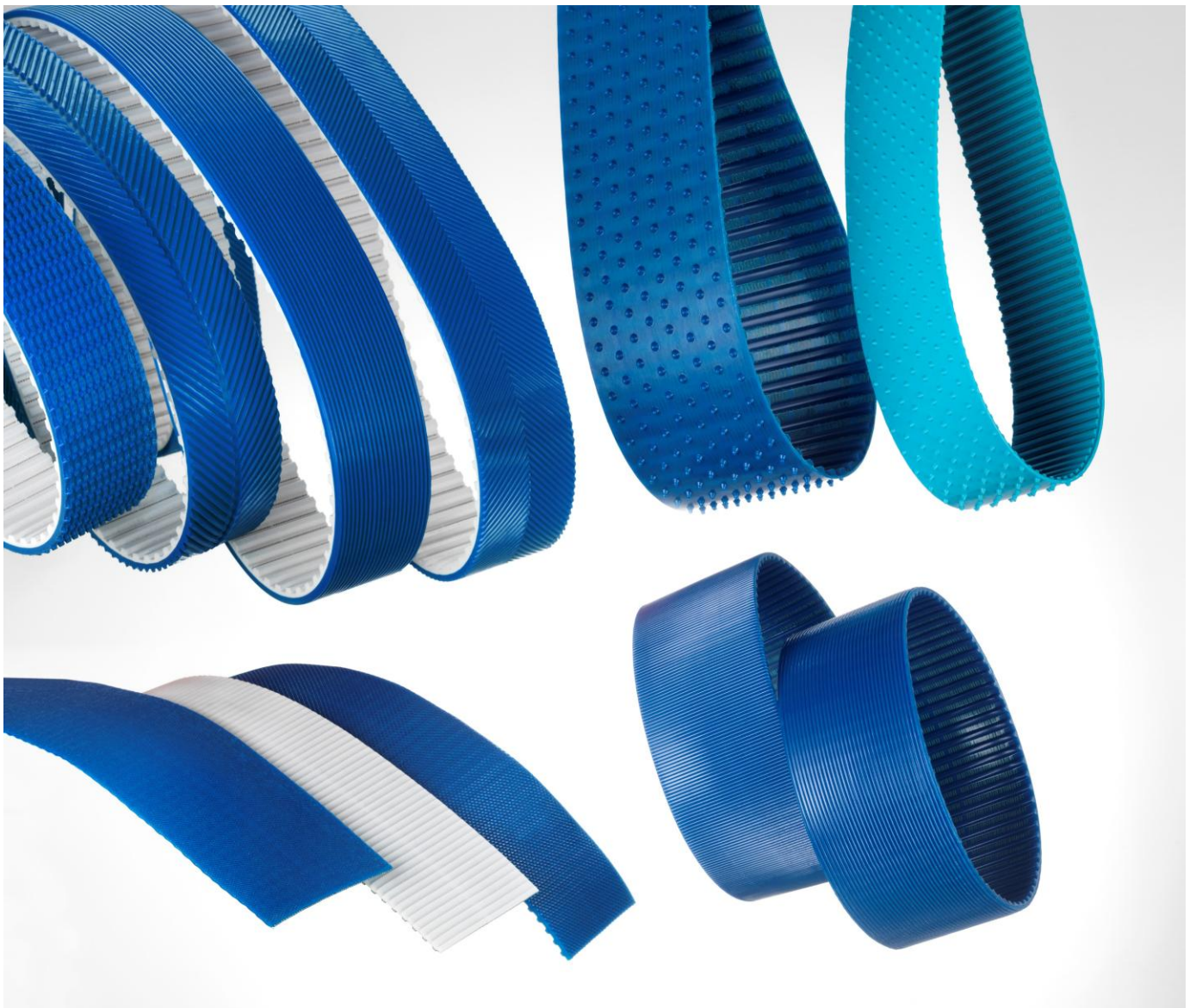


pflug.



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

Embossed PU toothed belts



Embossed PU toothed belts

Depending on the thickness of the back of the belt, many structures can be embossed directly into the belt. This offers the key advantage that the transport structure consists of exactly the same material and does not require additional coating. The minimum disk diameter does not change because of the application of the structure. Particularly suitable for this are co-extruded belts or high-back (HB) types which are produced from the start with a thicker backing to the belt. Thus, a wide variety of belts can be made from one basic type. Particularly in the food industry, the same basic design of belt can be used for all sorts of different tasks. Most patterns can be embossed homogeneously without joins or transitions. New patterns can be created at short notice according to the customer's requirements, cost-effectively and individually tailored to the specific demands.

Advantages

- Homogeneous belt material
- Without additional coating layer
- Minimum disk diameter of the base belt is maintained
- Shock-free embossing of most patterns
- Individual patterns can be produced for small batches

Belt profiles and structures

	T5 EU/FDA HB	T10 EU/FDA HB	T5 HB	T10 HB	WR5 white/blue EU/FDA	WR10 white/blue EU/FDA	AT10	AT10 HB	HTD 8M	HTD 8M HB	Additional coated 35 Sh.A – 90 Sh.A 2 mm
Longitudinal	X	X	X	X	X	X	X	X	X	X	X
Longitudinal PJ		X		X				X		X	X
Cross groove	X	X	X	X	X	X	X	X	X	X	X
Saw tooth	X	X	X	X	X	X	X	X	X	X	X
Fabric pattern	X	X	X	X	X	X	X	X	X	X	X
Negative pyramid	X	X	X	X	X	X	X	X	X	X	X
Spikes	X	X	X	X	X	X	X	X	X	X	X
Studs	X	X	X	X	X			X		X	X
Super grip				X				X		X	X
Herringbone 2,5	X	X	X	X	X			X		X	X
Herringbone 3,5		X		X				X		X	X
Herringbone 5				X				X		X	X

The herringbone patterns can be embossed with or without overflow channels.

Back coatings

Typ	Adhesion	Friction coefficient ¹ μ to V2A <u>grinded</u> steel	temperature-resistant °C	Abrasion mm ³ DIN ISO 4649-A	Tear growth resistance N/mm DIN ISO 34-1Bb
35 Sh. signal grey.	very high	0,85 μ	-20°C - +65°C	165	30
45 Sh.A grey white	very high	0,80 μ	-20°C - +65°C	39	42
60 Sh.A ultramarine, EU/FDA	very high	0,70 μ	-30°C - +70°C	44	41
70 Sh.A <u>sapphire blue</u> , EU/FDA	very high	0,65 μ	-30°C - +80°C	45	45
75 Sh.A sky blue, EU/FDA	high	0,60 μ	-20°C - +80°C	30	55
80 Sh.A transparent, EU/FDA	high	0,55 μ	-20°C - +80°C	25	70
85 Sh.A ultramarine, EU/FDA	average	0,55 μ	-20°C - +80°C	25	70
85 Sh.A black, antistatisch ²	average	0,55 μ	-20°C - +80°C	54	65
90 Sh.A white, EU/FDA	low	0,45 μ	-15°C - +85°C	25	85

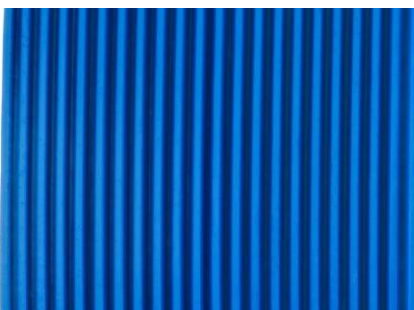
The EU/FDA-compatible types are highly resistant to hydrolysis, cold and microbes and thereby especially suitable for the use in wet areas.

¹ According to Pflug test specification SPPN 91.001
² Tested according to DIN EN 61340-2-3. Volume resistance [W] approx. 10⁴. Specifications may vary depending on the production batch.

Embossing structures



Longitudinal
from 310 mm / max. wide: 50 mm



Longitudinal PJ
from 310 mm / max. wide: 85 mm



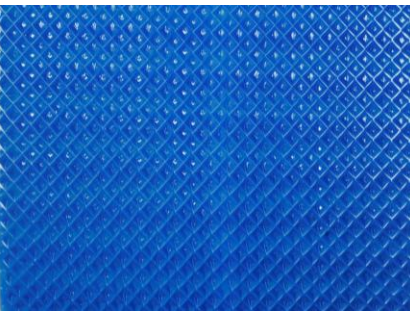
Cross groove
from 310 mm / max. wide: 50 mm



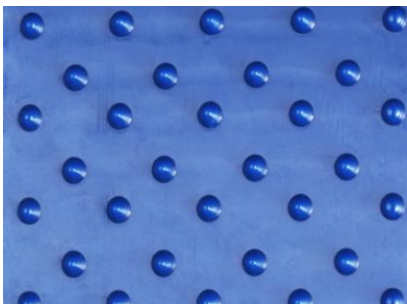
Saw tooth
from 310 mm / max. wide: 50 mm



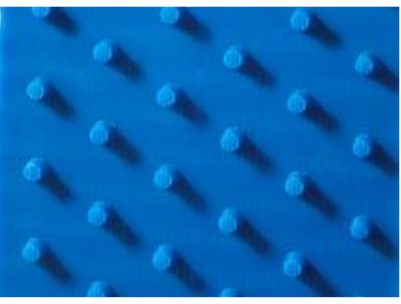
Fabric pattern
from 310 mm / max. wide: 50 mm



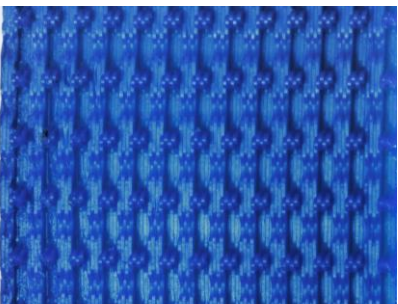
Negative pyramid
from 310 mm / max. wide: 50 mm



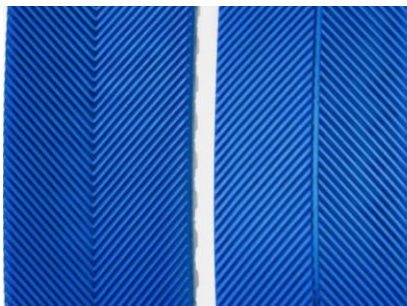
Spikes
from 1000 mm / max. wide: 100 mm



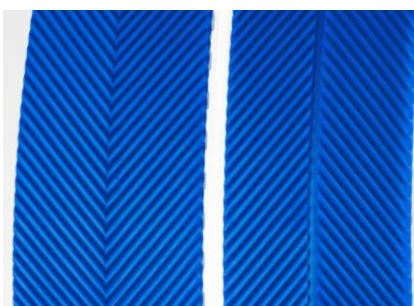
Studs
from 1000 mm / max. wide: 100 mm



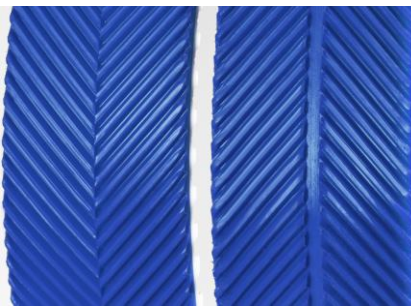
Super grip
from 1100 mm / max. wide: 65 mm



Herringbone 2,5
from 1000 mm / max. wide: 50 mm



Herringbone 3,5
from 1000 mm / max. wide: 50 mm

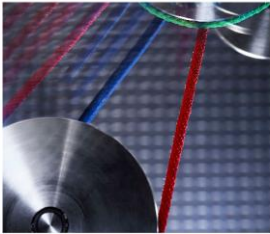


Herringbone 5
from 1000 mm / max. wide: 50 mm

Minimum length for AT10 profiles is 380 mm, for HTD8M 376 mm.

Other pattern structures and widths on request.

Company profile



Testing Service



Welded timing belts in short lengths



Round belts for heat-setting machines



Endless injected round belts



Endless turned round belts



Endless plaited round belts



Hooked belts



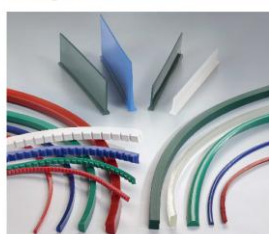
PU round- and profile belts



PU profile belts and special profiles



PU tracking guides, cleats and guides

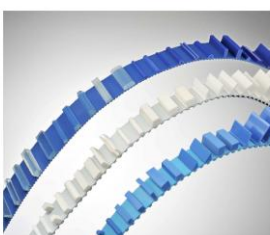


Food line

Types for the food industry compliant to EU/FDA



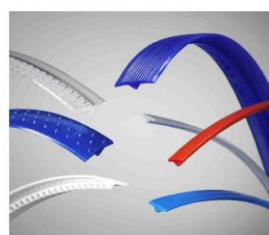
PU cleats and block profiles



PU Poly-V belts



PU-V-guide belts compliant to EU/FDA



PU coatings

