

pflug.



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

Bakery Products



PU-Profile Belts for the baking industry

The many different requirements in the baking industry are an extreme challenge for the belts used.

The tasks are extremely varied, e.g. transporting freshly baked waffles or frozen pizzas, cooling bakery products, covering them with chocolate, topping pizzas or baguettes as well as cutting and packaging products.

Not only do extreme temperature differences have to be taken into account but the belts also have to meet specific requirements with regard to adhesion and abrasion resistance.



Transport of waffles



Waffles turning station

With our broad product range, we have the right belt for every task.

Different surface finishes ensure reliable product handling during the production process.

When selecting raw materials we attach particular importance to hydrolysis and microbe resistance as well as excellent chemical resistance to oils and grease.

Naturally all our PU-Round and Profile Belts for the food industry comply with the EC Directives 1935/2004 and 2002/72/EC or EU VO No. 10/2011.



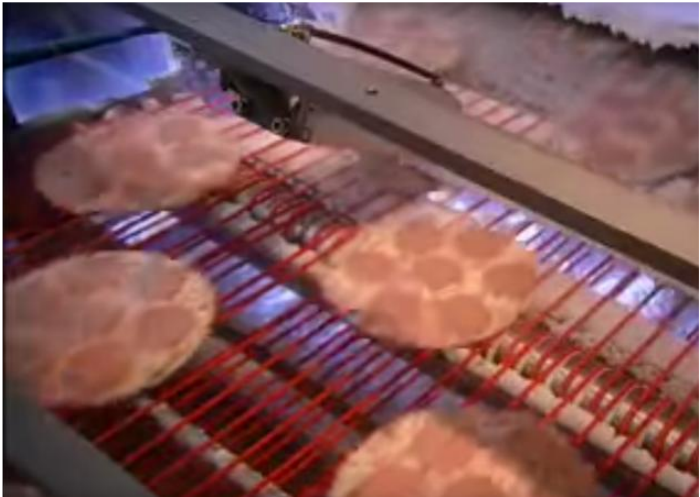
Waffle hemisphere during filling



Stuffed waffle balls

During the development of belts for the food Industry, we have particularly taken the following requirements into account:

- **Very good resistance to hydrolysis**
- **Very good resistance to microbes**
- **Particularly long service life in wet areas**
- **High abrasion resistance**
- **FDA/EU compliant types from 60 to 90 Sh.A**
- **Slightly roughened special surfaces or with longitudinal grooves**
- **Easy to clean**
- **High flexibility at low-temperatures**
- **Excellent weldability**
- **Long service life**



Frozen pizzas



Frozen baguettes

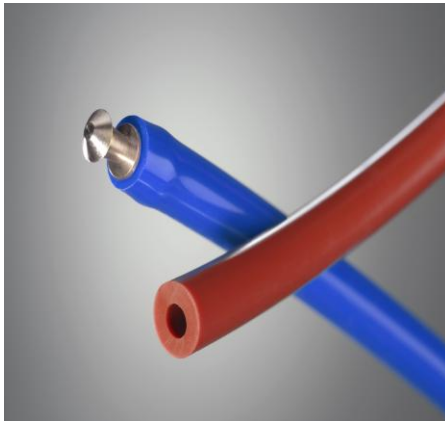
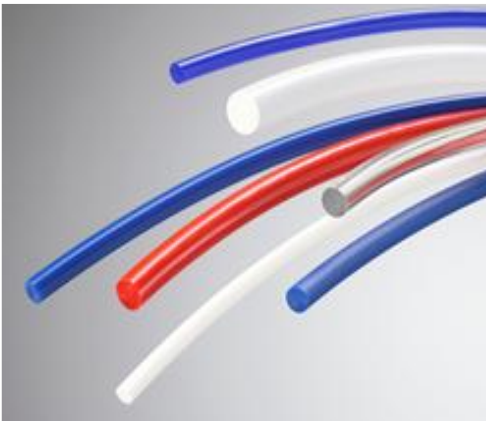


Donuts

The right type for every application

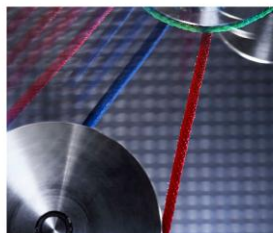
Overview of our standard materials

Type	Adhesion	Friction coefficient ¹ μ for V2A-steel / Murtfeld S green polished Super finish		Temperature resistance °C	Abrasion mm ³ DIN ISO 4649-A
60 Sh.A ultramarine, EU/FDA	Very high	0.70 μ	0.40 μ	-30 to +55 °C	44
70 Sh.A sapphire blue, EU/FDA	Very high	0.65 μ	0.40 μ	-35 to +60 °C	45
75 Sh.A red / light blue, EU/FDA	high	0.60 μ	0.40 μ	-20 to +60 °C	30
80 Sh.A transparent, EU/FDA	high	0.55 μ	0.30 μ	-20 to +60 °C	25
85 Sh.A ultramarine, EU/FDA	medium	0.55 μ	0.30 μ	-20 to +60 °C	25
90 Sh.A white, EU/FDA	low	0.45 μ	0.25 μ	-15 to +70 °C	25



¹ According to Pflug test specification SPPN 91.001

Company profile



Testing Service



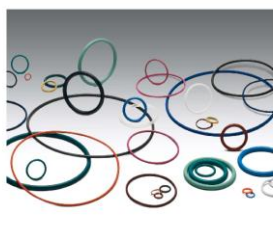
Welded timing belts in short lengths



Round belts for heat-setting machines



Endless injected round belts



Endless turned round belts



Endless plaited round belts



Hooked belts



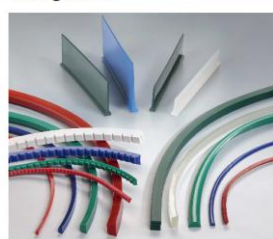
PU round- and profile belts



PU profile belts and special profiles



PU tracking guides, cleats and guides

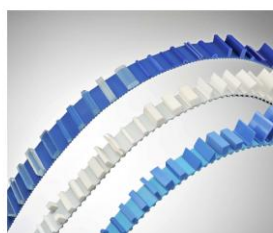


Food line

Types for the food industry compliant to EU/FDA



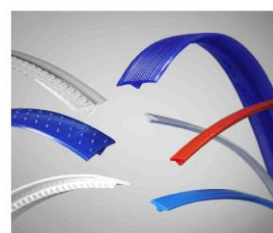
PU cleats and block profiles



PU Poly-V belts



PU-V-guide belts compliant to EU/FDA



PU coatings

