

APSOdrive® Coatings



Coated timing belts are used in many industries. With the increase of essential functionalities and the aim of influencing the properties, especially the grip, a wide range of applications can be realized with coated belts in the field of transport technology. Thanks to our in-house expertise in gluing technology, Angst+Pfister offers a great flexibility in customising drive belts to meet customer requirements. Benefit from our long-standing experience in handling materials and request a free consultation with our specialist engineers.

Belt coatings are available in a variety of materials that are applied to the back of the timing belt. The selection and application of the right coating material enable to fulfill the following tasks:

- synchronous transport and positioning of goods
- soft clamping of goods to be transported or pushed
- protection of the belt or of the transported goods
- food-transport
- safe transport at higher contact temperatures
- electric conductivity



Superior know-how and state-of-the-art production processes ensure a strong, high-performance bond with polyurethane and selected rubber belts.

Features

Our long-term expertise in materials (PU, rubber, PVC and other materials), adhesive bonding technology and drive technology enable us to provide our customers the perfect coated belt solution through the combination of suitable materials for all applications.

Benefits















- Adhesive bonding technology certified according to DIN 6701 and DIN 2304
- Fundamental understanding and execution of adhesive bonding guaranteed by our qualified personnel
 - In-house EAS (European Adhesive Specialist)
 - In-house EAB (European Adhesive Bonder)
- Over 50 standard and 20 customer-specific coatings available
- Multi-layer coatings
- Competence synergies achieved through our sealing-, engineering plastics- and antivibration-technology
- Competitive lead-time due to extensive material stock

Contact

Angst+Pfister AG
info@angst-pfister.com
www.angst-pfister.com



Selection of our most common coatings

Coating	Material	Hardness	Colour	Standard thickness	Temperature resistance	Key applications			
						Coatings for general transport tasks	Coatings for transporting food	Coatings with friction-reducing properties	Coatings for use at higher contact temperatures
Linatex	 Natural rubber	approx. 32 Shore A	red	1.6 - 12mm	-40°C to +70°C	X			
RP 430	 Natural rubber	approx. 35 Shore A	yellow	2 - 5mm	-35°C to +80°C	X			
Supergrip (FDA)	 PVC	approx. 40 Shore A	green / blue	4mm	-15°C to +90°C	X	X		
HV Film (FDA)	 Polyurethane	approx. 85 Shore A	white / blue	1 - 2mm	-20°C to +80°C	X	X		
Porol	 Closed-cell cellular rubber	160-200 kg/cm ³	black / anthrazit	3 - 15mm	-40°C to +75°C	X			
Chrome Leather	 Leather tanned with chromium salts	-	grey	2 - 3mm	-10°C to +120°C				X
Linatrilite	 Nitrile-based vulcanised material	approx. 55 Shore A	orange	3 - 6mm	-20°C to +110°C				X
Viton	 Synthetic fluoroelastomer	approx. 70-80 Shore A	black	2 / 4mm	-10°C to +190°C <small>(up to +275°C for short periods)</small>				X
Sylomer	 Mixed cell polyurethane foam	150g/cm ³ - 400g/cm ³	yellow / blue / green / brown	6mm / 12mm <small>(more on request)</small>	-40°C to +70°C	X			
NBR 65	 Nitrile rubber	approx. 60-70 Shore A	black	1.5 / 3mm	-35°C to +70°C	X			
Correx	 Para rubber	approx. 36 Shore A	light brown	6 / 10mm	up to approx. +70°C	X			
PVC herringbone (DA)	 PVC	approx. 65 Shore A	white	3mm	-10°C to +110°C	X	X		
PU 385	 Polyurethane	approx. 85 Shore A	transparent	3/4/5/6mm	-20°C to +80°C	X			
PAZ/PAR (-antistatic)	 Polyamid fabric	-	green / black	0.5 / 0.8 / (0.6)mm	-				X

*non-exhaustive list

Industries/Segments

Glass



Pharma



Food & Beverage



Cardboard/Packaging



Textile



Paper



Metal/Wood

