

Section 4 - Light Weight Conveying Belts - Polyurethane Conveying Belts

ISO 554 - ISO 340 / FDA - REACH

PU Flat Belts with 1 or 2 polyester fabric plies

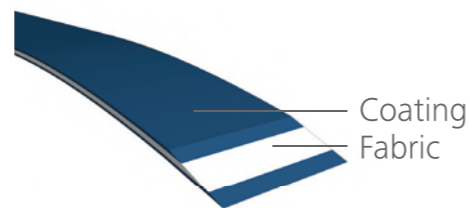
Structure details:

Coating

Using high grade compound, with several layers, our Polyurethane (PU) coating is a well designed belt surface available with various properties and finishing to match your specific application requirements.

Fabric

Our Polyester fabric will ensure flexibility, lateral and longitudinal stability and can be available with light or heavy construction. Our fabric is perfectly impregnated to protect the fibers from external aggression.



Application:

Our PU light conveying belt is responding to higher demanding applications, allowing to be used on transfer points, even oily and fat environment, high temperature resistance.

Our PU conveying belts are perfectly suitable for forming line, spreading belt, infeed, control and inspection line, discharging belts as well as any other continuous or discontinuous process applications.

Convenient to be used in any general food conveying or processing applications, applications from bakery, fish, chocolate, cheese, frozen conveyors or even poultry, vegetables and meat.

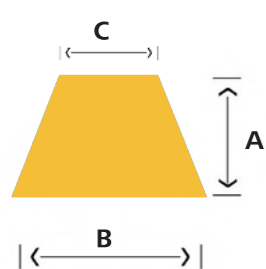
Properties:

- High flexibility even at low temperatures
- Very good abrasion resistance
- Good resistance to fats and oils
- Meets RoHS and REACH requirements
- Odor-free (no migration of plasticizers)
- FDA Compliant on request

Product Codification:

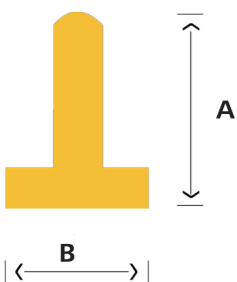
Material	Type of Fabric	Bottom Surface	Top Surface			Top Color	Optional Features
PU: PU	LS: Lateral Stability LF: Lateral Flexibility CO: Cotton PE: Polyester LN: Low Noise	D: Diamond F: Fabric I: Impregnated Fabric	LS: Long Stud CS: Capsulated Stud SS: Staggered Stud OS: Oval Stud RS: Round Stud FC: Fishbone Closed FO: Fishbone Open NM: Normal Matt RM: Rough Matt SF: Smooth Fabric RF: Rough Fabric	NG: Normal Golf SG: Small Golf MG: Mini Grip RSG: Rough Super Grip WSG: Wavy Super Grip LG: Low Grip SB: Sand Blast CT: Coarse Texture ST: Saw Tooth SST: Small Saw Tooth NC: Normal Crescent	CR: Cross Rib LR: Longitudinal Rib SH: Staggered Herringbone ND: Normal Diamond SD: Shallow Diamond BS: Big Square SR: Small Rhombus SN: Small Nipple	G: Green Bk: Black W: White P: Petrol T: Transparent Bl: Blue	AS: Antistatic FR: Flame Retardant FDA: FDA compliant TK: Thicker TH: Thinner
Number of Ply							
1							
2							
3							
4							

We can provide various profiles, below are most commonly available:



Model	Hardness (shore A)	Dimensions (mm)		
		A	B	C
RPU1	85	3	5	3
RPU2	85	4	6	4
RPU3	85	5	8	5
RPU4	85	6	10	6
RPU5	85	8	13	8
RPU6	85	11	17	11

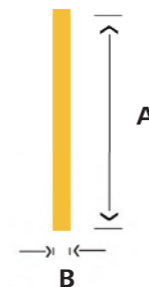
Available colors: Transparent



Model	Hardness (shore A)	A	B	Pls consult us
C1	90 ¹	22.5	3.5	Pls consult us
C2	90 ¹	36.5	4.5	Pls consult us
C3	90 ¹	51	5	Pls consult us

Available colors: White, Green, Petrol

¹: with Petrol colors, Hardness is 80 ShA



Model	Hardness (shore A)	Dimensions (mm)		Mini. Diameter (mm)
		A	B	
SW1	90	31.5	4.5	60
SW2	90	36.5	4.5	80
SW3	90	41.5	4.5	100
SW4	90	51.5	4.5	120
SW5	90	61.5	4.5	120

Available colors: White

Product Marking:

STEIGENTECH	PU-1LS-F-FW4-AS	Date code
STEIGENTECH	PU-1LS-F-F/G-AS	Date code
STEIGENTECH	PU-1LS-F-F/Bl-AS	Date code
STEIGENTECH	PU-2LS-F-F/BK	Date code