

Section 1 - Friction Belts - Polyurethane Belts

Ribbed Belts

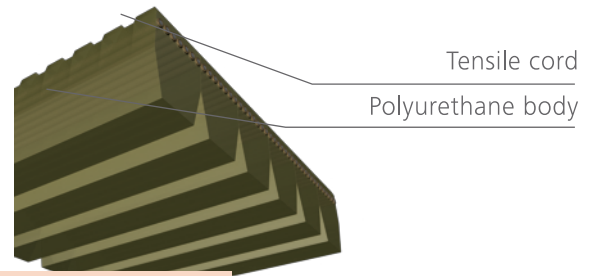
Structure details:

Tensile cord

Highly resistance polyester cord with special treatment to achieve low stretch and greater adhesion, high speed capability.

Polyurethane body

High quality polyurethane grade used to ensure dimensional stability over time, flexion fatigue withstood even at high speed.



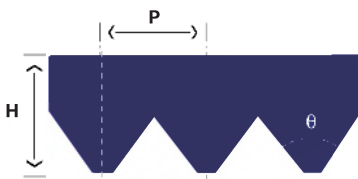
Application:

Our Polyurethane Ribbed Belts can be used with applications using small pulleys, high speed and requiring clean environment, such as food processing, washing machine, wood working, ...

Properties:

- Enables power transmission even on small pulleys diameters or high speed
- Temperature range from -15°C up to +80°C
- Meets antistatic requirements from ISO 1813
- Extreme resistance to ozone, water or to oil
- Meets RoHS and REACH requirements

Section Dimensions:



ISO 9982	PH	PJ	TB2
Pitch (mm)	1.60	2.34	2.0
Height (mm)	2.6	3.6	2.3
Angle (°)	40	40	60
Belt Weight per rib per meter (Kg/m)	0.005	0.01	0.02
Min. pulley diameter (mm)	20	20	20
Max belt speed (m/s)	50	50	50
Min. length (mm)	150	150	150
Max. length (mm)	2000	1500	1500
Standard number of ribs		3, 4, 5, 6, 8	
Max. number of ribs	125	100	65

Le: effective length

Product Codification:

RMA designation:	440	H	6	PU
Possible sections : H, J, TB2	Effective length (inches x 10)	Type	Number of ribs	Polyurethane
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ISO designation:	4	TB2	630 Le	PU
Possible sections : PH, PJ, TB2	Number of ribs	Type	Effective length (mm)	Polyurethane