

Section 3 - Extruded Thermoweldable Belts - Polyutherane Belts

Smooth and Rough Surface

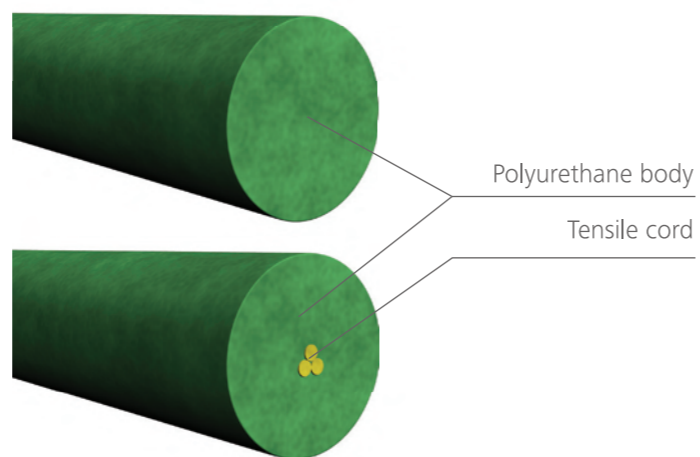
Structure details:

Polyurethane body

Our medium hard shored extruded belt is made out quality grade PU from premium compound to ensure perfect resistance to abrasion, great traction force while being flexible and allowing welding on field.

Tensile cord

Optionally our extruded round belt can be reinforced to deliver more traction force.



STEIGENTECH	OE-RS 04	Date code
STEIGENTECH	OE-RS 09-REINFORCED	Date code
STEIGENTECH	OE-RR 20	Date code

Properties:

Smooth surface, friction on steel around approximately 0,6. For Rough surface the friction coefficient reaches approximately 0,45

Temperature range from -35°C up to +75°C

Hardness 90 Shore A

Resistance to oil, fuels and oxygen

Plasticizer free

Easy on-site welding and fast repair process and time

Meets RoHS and REACH requirements

Application:

Those extruded PU belts are thermoweldable designed for light conveying and transportation applications.

It can cover a wide variety of applications from packaging, material manufacturing or food industry.

From tiles, bricks, ceramics, concrete to cardboard, metal packaging, plastic, printing or even meat, poultry and vegetables.

Product Codification:

Please contact us for reinforced cord specifications.

Designation:

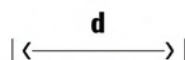
Possible sections : diameter 02 to 20 mm

400	-	OE-RS	-	04	-	PU	
Roll Length (m)		Open Ended Round Smooth Belt Type		Belt Diameter (mm)		Polyurethane	
100	-	OE-RS	-	09	-	PU	R
Roll Length (m)		Open Ended Round Smooth Belt Type		Belt Diameter (mm)		Polyurethane	Reinforcement
30	-	OE-RR	-	20	-	PU	
Roll Length (m)		Open Ended Round Rough Belt Type		Belt Diameter (mm)		Polyurethane	

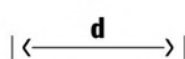
Section Dimensions:

We recommend to use tension from 6 to 8% for non reinforced belts.

Round Belt



Reinforced Round Belt



Diameter (mm)	Cross section (cm ²)	Belt Weight per meter (Kg/100 m)	Standard Roll (m)	Mini. Diameter (mm)	Traction Force ¹ (daN)
02	0.032	0.5	400	19	0.5
03	0.071	0.9	400	28	1.5
04	0.126	1.6	200	38	2.5
05	0.197	2.4	200	48	3.5
06	0.283	3.4	200	57	5.0
07	0.385	4.7	100	67	7.0
08	0.500	6.0	100	76	9.0
09	0.700	8.2	100	86	11.0
10	0.785	9.4	50	95	14.0
12	1.130	13.5	30	114	19.0
15	1.770	21.5	30	142	28.5
18	2.540	31.0	30	175	45.0
20	3.140	40.0	30	185	55.0

¹: For non reinforced belts