

Section 2 - Synchronous Belts - Rubber Belts

DIN 7721 - ISO 13050 / IP27 RMA-MPTA

Open-Ended

Structure details:

Back Rubber

Ensures cord protection and perfect adhesion, our flexible backing will allow reverse idler drive.

Tensile cord

Our strong glass fiber both S and Z orientated will ensure perfect belt tracking, keep dimensional stability and flexibility with no elongation.

Rubber Teeth

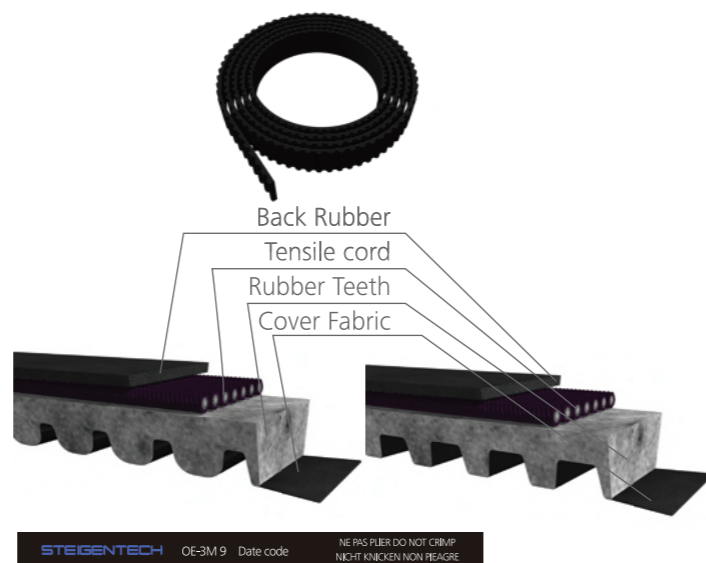
Perfect combination of best chloroprene and fibre grade materials, our rubber teeth compound offers tooth pitch matching and high wear and vibration resistance.

Cover Fabric

Features minimal friction, our cover fabric will allow perfect positive engagement with pulleys while ensuring great wear and abrasion resistance.

Properties:

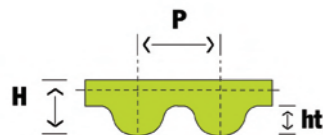
Our Open-Ended Curvilinear Timing Belts are leveraging the properties and features from endless versions. They are produced as normal endless Timing belts and are cut in spiral. Please consult us for steel tensile cord requirements.



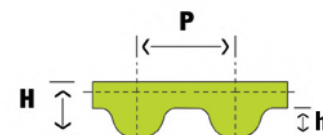
Application:

Our Open-Ended Timing belts have similar function with ordinary timing belts. They can be used in textile industry, light industry, chemical industry, electrical appliances industry, machinery for transferring power, etc... They can suit multi-axial transmission, and can also work between two axes whose center distance is below 15M under the worse condition. Those belts are perfect for packaging, open door, robotic or of course any linear motion, positioning system applications.

Section Dimensions:



H-type tooth single sided profile



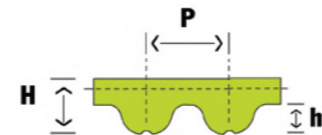
S-type tooth single sided profile

ISO 13050	OE-3M	OE-5M	OE-8M
Pitch (mm)	3.0	5.0	8.0
Tooth Height (mm)	1.17	2.06	3.38
Tooth Width (mm)	1.78	3.05	5.15

Width (mm)	Roll length (m)	Width (mm)	Roll length (m)	Width (mm)	Roll length (m)
6	100	9	90	10	75
9	70	12	100	15	100
12	55	15	100	20	75
15	40	20	80	25	60

ISO 13050	OE-S5M	OE-S8M
Pitch (mm)	5.0	8.0
Tooth Height (mm)	1.91	3.05
Tooth Width (mm)	3.25	5.20

Width (mm)	Roll length (m)	Width (mm)	Roll length (m)
9	90	10	75
12	100	15	100
15	100	20	75
20	80	25	60



R-type tooth single sided profile

ISO 13050	OE-R8M
Pitch (mm)	8.0
Tooth Height (mm)	3.20
Tooth Width (mm)	5.50

Width (mm)	Roll length (m)
10	75
15	100
20	75
25	60

Product Codification:

ISO 13050 designation:	100	-	OE-3M	-	9
Possible sections : OE-3M, OE-5M, OE-8M, OE-14M	Roll length (m)		Open-Ended Pitch (3 mm)		Belt width (mm)
			H-type tooth profile		
ISO 13050 designation:	90	-	OE-S5M	-	9
Possible sections : OE-S5M, OE-S8M, OE-S14M	Roll length (m)		Open-Ended Pitch (5 mm)		Belt width (mm)
			S-type tooth profile		
ISO 13050 designation:	60	-	OE-R8M	-	25
Possible sections : OE-R8M	Roll length (m)		Open-Ended Pitch (8 mm)		Belt width (mm)
			R-type tooth profile		