



UNIVERSAL

RUBBER BELT MANUFACTURING

Start

2025 E-Catalog

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RUBBER BELT MANUFACTURING



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Products.



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RUBBER BELT MANUFACTURING

Company Overview

Welcome to Universal Rubber Belt Manufacturing, a premier rubber belt manufacturing company in the heart of Dubai Industrial City, UAE. Our facility, which spans a vast 220,000 square feet, is a testament to our commitment to quality and innovation. With a production capacity of 8 million power transmission belts annually, we are positioned to meet the dynamic needs of the automotive, industrial, and agricultural sectors.

Our workforce of 200 dedicated employees forms the backbone of our operations. We are proud to have a team of highly skilled engineers who bring unparalleled expertise and know-how gained from years of experience in leading rubber companies globally. Our investment in the latest and most advanced machinery ensures that our manufacturing process is efficient and precise, maintaining the highest quality standards.

We serve clients internationally and specialize in catering to the MENA region, delivering top-notch solutions that drive performance and ensure reliability. At Universal Rubber Belt Manufacturing, quality is not just a benchmark; it is ingrained in our ethos. Each belt we produce symbolizes our unwavering commitment to excellence.

[Our Vision & Mission](#)



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RUBBER BELT MANUFACTURING

Our Vision

We aim to become the leading rubber belt manufacturing company by 2030, recognized for our excellence and innovation. Our vision extends beyond just belts; we aim to expand into new horizons, including the production of tires and conveyor belts, continually setting standards across the rubber industry.

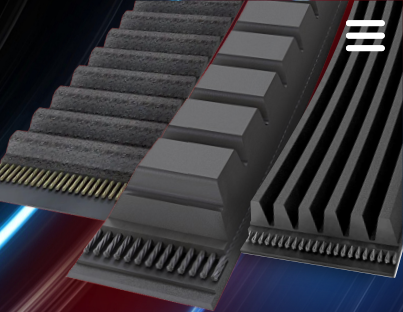
Our Mission

Our mission is to deliver superior power transmission belts that empower our clients in the automotive, industrial, and agricultural sectors. Through continuous innovation, exceptional engineering, and an uncompromising commitment to quality, we strive to exceed expectations and build lasting relationships with our customers. We are dedicated to fostering growth, not only in our business but also in the communities we serve. We always deliver products and services that exceed expectations.



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Industrial Belts:

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- Special Raw Edge Cogged V-Belts >
- Banded Raw Edge Cogged V-Belts >
- Industrial Timing / Synchronous Belts >



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Synthetic rubber ribs

Embedding compound

Polyester tension member

Polyamide cover fabric

Industrial Poly V-Belts

■ DESCRIPTION:

Industrial Poly V-Belts are specially designed for high-performance applications that require efficient power transmission in compact spaces. Featuring an innovative multi-ribbed design, these belts provide maximum surface contact with pulleys, resulting in superior grip and minimal slippage.

Made from high-quality materials, our industrial Poly V-Belts are engineered for durability and resistance to wear, heat, and harsh environmental conditions, making them ideal for use in manufacturing equipment, conveyor systems, and HVAC applications. Their flexible and lightweight construction allows for smooth operation and reduced noise, enhancing overall system efficiency. Available in a wide range of sizes and configurations, our Poly V-Belts ensure the perfect fit for your specific industrial needs. Trust our Industrial Poly V-Belts to deliver reliable performance, optimize energy usage, and improve the longevity of your machinery, providing a cost-effective solution for power transmission in demanding environments.

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Industrial Poly V-Belts

■ APPLICATION:

Multi-ribbed belts can replace several traditional belts and reduce operating costs considerably. Multi-ribbed belts also distinguish themselves by their light and vibration-free operation and long life. The low cross section of the Multi-ribbed belt makes it very flexible and permits it to be used in serpentine drives.

■ FEATURES:



**Oil
Resistance**



**Heat
Resistance**



**Ozon
Resistance**



Reach



RoHS



Noiseless



**Abrasion
Resistance**



Serpentine



Elongation

■ RANGE:

Profile	Thickness (mm)	Rib Pitch (mm)	Manufacturing Range		No of Ribs		Length Designation
			Min (inch)	Max (inch)	Min	Max	
PJ	3.50	2.34	500	5000	3	20	Le
PK	4.45	3.56	500	5000	3	20	Le
PL	6.40	4.70	500	5000	3	20	Le
PM	12.70	9.40	500	5000	3	20	Le



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Universal
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Synthetic rubber bottom section

Embedding compound

Polyester tension member

Cotton cover fabric

Raw Edge Cogged V-Belts

■ DESCRIPTION:

Raw Edge Cogged V-Belts are engineered for optimal performance in various industrial applications, delivering enhanced grip and power transmission efficiency. Featuring a unique raw edge design, these belts ensure superior contact with pulleys, minimizing slippage and ensuring maximum energy transfer. The cogged construction allows for greater flexibility and heat dissipation, making them ideal for high-speed applications and heavy loads. Constructed from durable materials, our Raw Edge Cogged V-Belts are built to withstand harsh operating conditions, providing long-lasting reliability and performance in machinery ranging from agricultural equipment to conveyor systems. Available in a variety of sizes and configurations, these belts are customizable to fit your specific requirements perfectly. Trust our Raw Edge Cogged V-Belts for a reliable and efficient solution that enhances productivity and extends the lifespan of your equipment, ensuring that your operations run smoothly and effectively in any industrial environment.

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Raw Edge Cogged V-Belts

■ APPLICATION:

The REC V-belt have a wide range of applications, especially in industrial drives with high belt speeds and small pulley diameters. REC V-belt allow immediate improvement of existing drives which use wrapped belts, providing overall benefits with regards to economy as well as power transmission and reliability of operation.

■ FEATURES:



Oil
Resistance



Heat
Resistance



Ozon
Resistance



Reach



RoHS



Noiseless



Abrasion
Resistance



Serpentine



Elongation

■ RANGE:

Profile	Top width (mm)	Thickness (mm)	Manufacturing Range		Angel (degree)	Length Designation
			Min (inch)	Max (inch)		
ZX	10.00	6.00	500	5000	36.0	Li
AX	13.00	8.00	500	5000	36.0	Li
BX	17.00	11.00	500	5000	36.0	Li
CX	22.00	14.00	500	5000	36.0	Li
DX	32.00	19.00	500	5000	38.0	Li



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Synthetic rubber bottom section

Embedding compound

Polyester tension member

Cotton cover fabric

Special Raw Edge Cogged V-Belts

■ DESCRIPTION:

REC narrow V-belt is a type with moulded cogs which is temperature and oil resistant as well as antistatic. The belt is tolerance stable TS, such that belts with the same section and length marking can be used in matched sets without sorting. The moulded cog provides high flexibility and a good fit in the pulley grooves as well as a lower operating temperature, which increases belt life.

[More Information](#)



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Special Raw Edge Cogged V-Belts

■ APPLICATION:

Narrow V-belts are used in industrial and agricultural machineries. They are especially suitable for drives with high belt speeds. Narrow V-belts use up to %50 smaller pulley widths than classical sections, allowing more compact drives. Since most new drives use universal pulleys, the classical belt can in most cases be replaced with a narrow V-belt, thereby achieving better power transmission and longer belt life.

■ FEATURES:



**Oil
Resistance**



**Heat
Resistance**



**Ozon
Resistance**



Reach



RoHS



- 25 ~ +100



Noiseless



**Abrasion
Resistance**



Elongation

■ RANGE:

Profile	Top width (mm)	Thickness (mm)	Manufacturing Range		Angel (degree)	Length Designation
			Min (mm)	Max (mm)		
XPZ	10.00	8.00	500	5000	36.0	La
XPA	13.00	10.00	500	5000	36.0	La
XPB	16.30	14.00	500	5000	36.0	La
XPC	22.00	18.00	500	5000	38.0	La



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Synthetic rubber
bottom section

Polyester tension member

Synthetic rubber backing

Banded Raw Edge Cogged v-belts

■ DESCRIPTION:

Banded Raw Edge Cogged V-belts are produced with a band at the top of several single raw edge cogged belts which are joined into one unite. Special pulley is required in order to achieve the coupling effect.

Banded REC v-belts offer the following advantages.

- Using special formulated CR components
- Giving added stability and strength
- Causing no vibrate, clap or turn over

[More Information](#)



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Banded Raw Edge Cogged V-Belts

FEATURES:



Oil
Resistance



Heat
Resistance



Ozon
Resistance



Reach



RoHS



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Noiseless



Abrasion
Resistance



Elongation

RANGE:

Profile		RAX	RBX	RCX	RXPZ	RXPA	RXPA	RXPA
Top Width (mm)		13.00	17.00	22.00	10.00	13.00	16.30	22.00
Thickness (mm)		10.00	13.00	16.00	10.00	12.00	16.00	20.00
Angle (Degree)		36	40	36	36	36	40	36
Pitch (mm)		15.90	19.00	25.50	12.00	15.00	19.00	25.50
Manufacturing Range	Min (mm)	500	500	500	500	500	500	500
	Max (mm)	5000	5000	5000	5000	5000	5000	5000
	Min (inch)	20	20	20	20	20	20	20
	Max (inch)	196	196	196	196	196	196	196
Length Designation		Li	Li	Li	La	La	La	La



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Polyamide fabric

Synthetic rubber teeth

Tension member glass cord

Synthetic rubber backing

Industrial Timing / Synchronous Belts

■ DESCRIPTION:

Discover the power of precision with our range of industrial timing and synchronous belts! Engineered for outstanding performance, our selection includes High Torque Drive belts for unparalleled strength, Super Torque Drive belts for extraordinary load capacities, and Classical Timing Belts for reliable everyday use.

Each belt ensures seamless synchronization, reducing downtime and enhancing efficiency across diverse applications. Upgrade to our belts for a smoother, more productive workflow.

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Industrial Timing / Synchronous Belts

■ FEATURES:



Oil
Resistance



Heat
Resistance



Ozon
Resistance



Reach



RoHS



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Abrasion
Resistance



Serpentine



Elongation

■ PROFILE:

CTB	STD	HTD
MXL	3M	S3M
XXL	5M	S5M
XL	8M	S8M
L	14M	S14M
H		
XH		
XXH		

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■ RANGE:

Classical Timing Belt:

Section	Pitch (p) (mm)	Tooth Height (mm)	Belt Thickness (Th) (mm)	Manufacturing Range		Length Designation	Sleeve Width
				Min (mm)	Max (mm)		
MXL	2.032	0.51	1.14	2.1	177.1	Lp	450
XXL	3.175	0.76	1.52	5.0	21.90	Lp	450
XL	5.080	1.27	2.30	4.4	212.8	Lp	465
L	9.525	1.91	3.60	6.7	270.0	Lp	465
H	12.700	2.29	4.30	14.5	272.0	Lp	465
XH	22.225	6.35	11.20	46.3	227.5	Lp	430
XXH	31.750	9.53	15.70	62.5	200.0	Lp	430

STD:

Section	Pitch (p) (mm)	Tooth Height (mm)	Belt Thickness (Th) (mm)	Manufacturing Range		Length Designation	Sleeve Width
				Min (mm)	Max (mm)		
S 2M	2.00	0.76	1.36	60	3700	Lp	450
S 3M	3.00	1.14	2.20	120	6510	Lp	450
S 5M	5.00	1.91	3.40	150	4000	Lp	470
S 8M	8.00	3.05	5.30	376	6640	Lp	460
S 14M	14.00	5.30	10.20	714	5012	Lp	440

HTD:

Section	Pitch (p) (mm)	Tooth Height (h) (mm)	Belt Thickness (Th) (mm)	Manufacturing Range		Length Designation	Sleeve Width
				Min (mm)	Max (mm)		
2M	2.00	0.75	1.36	52	750	Lp	450
3M	3.00	1.17	2.40	60	6804	Lp	450
5M	5.00	2.06	3.80	180	3750	Lp	470
8M	8.00	3.48	6.00	184	6880	Lp	460
14M	14.00	6.02	10.00	812	8120	Lp	440



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Automotive Belts

Choose the section you want.

■ Automotive Poly V-Belts



■ Raw Edge Cogged V-Belts



■ Automotive Timing Belts



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Synthetic rubber ribs

Embedding compound

Polyester tension member

Polyamide cover fabric

Automotive Poly V-Belts

■ DESCRIPTION:

Automotive Poly V-Belts are specially designed for modern vehicles, providing efficient power transmission to multiple accessories with a single belt solution. Featuring a flat, ribbed design, these belts offer superior flexibility and stretch resistance, allowing for smooth operation of components such as alternators, water pumps, and air conditioning systems.

Made from high-quality materials, our automotive Poly V-Belts are engineered to withstand tough conditions, including heat, wear, and everyday environmental challenges, ensuring long-lasting performance and reliability. Their unique construction not only reduces friction but also minimizes noise, contributing to a quieter ride. Available in a variety of sizes and configurations, these belts provide the perfect fit for your specific vehicle model. Trust our Automotive Poly V-Belts to enhance your vehicle's efficiency, improve fuel economy, and ensure optimal operation of critical engine components, making them an essential choice for both DIY enthusiasts and professional mechanics alike.

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Automotive Poly V-Belts

■ APPLICATION:

Poly Vbelts are widely used in automotive applications. They are designed to drive multiple engine accessories, such as the alternator, power steering pump, water pump, air conditioning compressor, and more.

■ FEATURES:



Heat
Resistance



Ozon
Resistance



Reach



RoHS



-40 ~ +130



Noiseless



Abrasion
Resistance



Serpentine



Elongation

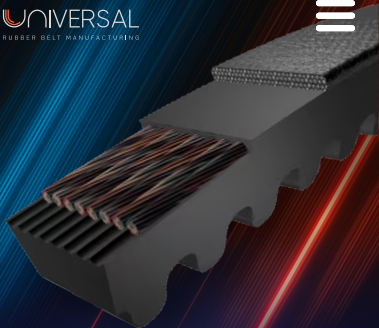
■ RANGE:

Product Title	Thickness (mm)	Length (mm)	Min.Pulley Diameter	Noof Ribbed	Rib Pitch (mm)
PK	4.50	500/5000	45	3-32	3.56



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Timing belts for the lower and medium power range.

Raw Edge Cogged V-Belts

■ DESCRIPTION:

Experience unmatched performance with our Automotive Raw Edge Cogged V Belts! Engineered for strength and flexibility, these belts feature a unique cogged design that reduces bending resistance, ensuring optimum power transmission and efficiency. Ideal for various automotive applications, they deliver superior grip and minimal slippage, making them perfect for high-demand environments.

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Raw Edge Cogged V-Belts

FEATURES:



Oil
Resistance



Heat
Resistance



Ozon
Resistance



Reach



RoHS



-25 ~ +100



Noiseless



Abrasion
Resistance



Elongation

RANGE:

Profile	Top width (mm)	Thickness (mm)	Manufacturing Range		Angel (degree)	Length Designation
			Min (inch)	Max (inch)		
ZX	10.00	6.00	500	5000	36.0	Li
AX	13.00	8.00	500	5000	36.0	Li
BX	17.00	11.00	500	5000	36.0	Li
CX	22.00	14.00	500	5000	36.0	Li
DX	32.00	19.00	500	5000	38.0	Li



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Polyamide fabric

Synthetic rubber teeth

Tension member glass cord

Synthetic rubber backing

Automotive timing belts

■ DESCRIPTION:

Automotive Timing Belts are critical components designed to ensure precise engine performance and synchronization in vehicles. Manufactured with high-quality materials and innovative tooth designs, these belts provide reliable power transmission between the engine crankshaft and camshaft, maintaining optimal timing for vehicle operation.

Utilizing advanced rubber compounds, our automotive timing belts offer excellent durability, resistance to wear, and enhanced longevity, reducing the need for frequent replacements. These belts are engineered to perform in various environmental conditions, making them ideal for everything from everyday cars to high-performance vehicles. With a diverse range of sizes available, our automotive timing belts ensure a perfect fit for your specific make and model, contributing to smooth engine operation and efficient performance. Trust our automotive timing belts for a reliable solution that keeps your engine running smoothly and efficiently.

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Automotive Timing Belts

FEATURES:



Oil
Resistance



Heat
Resistance



Ozon
Resistance



Reach



RoHS



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Noiseless



Abrasion
Resistance



Elongation

RANGE:

Section	Pitch (mm)	Tooth Height (mm)	Belt Thickness (mm)	Manufacturing Range
ZA	9.525	1.91	4.10	88 ZA, 104 ZA, 111 ZA
ZB	9.525	2.29	4.50	137 ZB, 143 ZB
YU	8.000	3.02	5.20	101 YU, 106 YU, 107 YU, 109 YU, 115 YU
RU	9.525	3.44	5.60	96 RU, 112 RU, 118 RU, 123 RU, 136 RU
MR	9.525	3.45	5.70	80 MR, 100 MR, 120 MR, 160 MR
MY	8.000	3.04	5.20	120 MY, 180 MY
S8M	8.000	2.95	5.20	112 S8M, 176 S8M, 224 S8M



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Ready to collaborate with industries:

Applicable in industries:

- Industrial
- Automotive
- Agriculture
- Lawn & Garden
- Ceramic
- Domestic Appliances
- Cement
- Leisure & Sport
- Machine Tools
- Mineral Ore Mining
- Oil & Gas
- Packaging
- Paper & Pulp
- Power Plant
- Recycling
- Rice / Flour Mill
- Steel
- Textile
- Wood
- Buildings & Construction



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