INDUSTRIAL BELTS PRODUCT RANGE

BELT TYPE			IMPERIAL (Inches)			METRIC (mm)			
			Main Cross Section	Length Range	Length Design	Main Cross Section	Length Range	Length Design	Conversion
Classical V-belts	Wrapped	M(Z) A B C D E	13/32 x 1/4 1/2 x 5/16 21/32 x 13/32 7/8 x 17/32 1.1/4 x 3/4 1.1/2 x 29/32	13 - 98 15 - 210 2 0 - 669 38 - 669 40 - 669 157 - 669	Li Li Li Li Li Li	10.0 x 6.0 13.0 x 8.0 17.0 x 11.0 22.0 x 14.0 32.0 x 19.0 38.0 x 25.0	330 - 2500 380 - 5334 508 - 17000 965 - 17000 1016 - 17000 4000 - 17000	Lp Lp Lp Lp Lp Lp	2 3 4 5 6
	Raw Edge Cogged	AX BX CX	1/2 x 5/16 21/32 x 13/32 7/8 x 17/32	20 - 100 35 - 100 51 - 100	Li Li Li	13.0 x 8.0 17.0 x 11.0 22.0 x 14.0	540 - 2570 922 - 2570 1325 - 2570	Lp Lp Lp Lp	
Wedge V-belts	Wrapped	3V (9N) 5V (15N) 8V (25N) SPZ SPA SPB SPC	3/8 x 5/16 5/8 x 17/32 1.0 x 7/8	16 - 210 50 - 630 98 - 630 16 - 210 23 - 210 50 - 630 75 - 630	La (1/10") La (1/10") La (1/10")	9,1 x 8 15 x 13 25 x 23 9.7 x 8.0 12.7 x 10.0 16.3 x 13.0 22.0 x 18.0	400 - 5334 1270 - 16000 2500 - 16000 400 - 5334 600 - 5334 1270 - 16000 1900 - 16000	Lp Lp Lp Lp	7 8 9 10
	Raw Edge Cogged	3VX 5VX SPZX SPAX SPBX SPCX	3/8 x 5/16 5/8 x 17/32	200 - 1000 500 - 1000	La(1/10") La(1/10")	9.7 x 8.0 12.7 x 10.0 16.3 x 13.0 22.0 x 18.0	508 - 2540 508 - 2540 1250 - 2540 1500 - 2540	Lp Lp Lp Lp	
Banded V-belts (Wrapped)	Classical	A B C	1/2 x 5/16 21/32 x 13/32 7/8 x 17/32	55 - 98 63 - 394 71 - 394	Li Li Li		14000 - 2500 1600 - 10000 1800 - 10000		
	Wedge	3V 5V 8V	3/8 x 5/16 5/8 x 17/32 1.0 x 7/8	630 - 980 709 - 3940 1730 - 6300	La(1/10") La(1/10") La(1/10")		1600 - 2500 1800 - 10000 4394 - 16000		1 1 1
Fractional Horse Power V-belts	Wrapped	3L 4L 5L	13/32 x 1/4 1/2 x 5/16 21/32 x 13/32	130 - 720 250 - 1200 350 - 1200	La(1/10") La(1/10") La(1/10")		330 - 1829 635 - 3048 889 - 3048		
Double/Hexagonal V-Belts	Wrapped	AA BB CC	1/2 x 13/32 21/32 x 17/32 7/8 x 11/16	71 - 200 72 - 200 73 - 200	Li Li Li	13.0 x 10.0 17.0 x 13.0 22.0 x 17.0	1800 - 5080 1800 - 5080 1800 - 5080	Lp Lp Lp	
Variable Speed Belts	Raw Edge Coged			20 - 100	Li		540 - 2540	Lp	
Ribbed belts		PJ PK PL PM		14 - 98 23 - 101 37 - 240 90 - 660	La La La La	2,34 x 3,4 3,56 x 5 4,7 x 6,9 9,4 x 12,8	350 - 2489 588 - 2555 953 - 6096 2286 - 16764	La La La La	
Timing belts Imperial pitch		XL L H XH	5,08 x 2,4 9,525 x 3,6 12,7 x 4,4 22,225 x 11,4	5,4 - 71 12,4 - 81,7 24 - 170 50,7 - 175			137 - 1803 314 - 2076 610 - 4318 1289 - 4445		
Metric pitch		3M 5M 8M 14M				3 x 2,4 5 x 3,8 8 x 5,4 14 x 9,7	90 - 1863 180 - 2525 288 - 4400 966 - 4956		

La = Outside length Lp = Pitch length Li = Inside length

Conversion Table

1. American banded belts are designated on the effective outside length of the belt section and not on the band

For converting pitch length to inside length in millimetres
2. Li = Lp - 25 mm
3. Li = Lp - 33 mm
4. Li = Lp - 43 mm
5. Li = Lp - 62 mm
6. Li = Lp - 82 mm

For converting outside length to pitch length in millimetres
7. Lp = La - 13mm
8. Lp = La - 18mm
9. Lp = La - 22mm
10. Lp = La - 30mm

In order to convert from millimetres to inches, divide by 25.4

DUNLOP™ INDUSTRIAL BELTS

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DUNLOP™ INDUSTRIAL BELTS

Comprehensive industrial belt range guarantees performance and long life

Across all industries, power transmission demands high standards of safety, quality and cost efficiency. Leaders in industrial power transmission for decades, Dunlop belts offer the industry a comprehensive range meeting today's stringent requirements.

Dunlop V-belts are constructed from tough, long-lasting synthetic rubber, reinforced with low elongation polyester cords. Specially designed synthetic rubber compounds give heat and oil resistance which ensures that the belts will perform day after day in a wide range of ambient temperatures.

Dunlop timing belts offer the best possible technology for synchronous drives allowing excellent mechanical efficiency, resistance to high and intermittent overloads together with low fitting tensions.

Dunlop ribbed belts are offered in H, J, L and M profiles.
Use of the highest quality raw materials, and manufacture under rigorous quality control, ensure that Dunlop belts meet internationally accepted standards and cross sections. The company's quality systems are accredited ISO 9001 and ISO 14001.

Timing belts
Today's synchronous systems require more HP, higher torque, lower speeds and smoother, quieter operation. Dunlop timing belts deliver positive, trouble free power transmission in torque ranges previously serviced only by chain or gear components.

Ribbed belts
The Dunlop ribbed belts are ideally suited for high speed, and or high drive ratio applications that conventional V-belts just can't handle. They offer smooth, vibration free performance in a single, compact drive belt which is resistant to heat and abrasion for longer belt life.

Classical V-belts
Classical V-belts remain the most widely used and are proven to offer dependable service with minimum maintenance in a variety of medium and heavy duty industrial drives.
Wrapped belts feature bias cut cover fabric impregnated with a special rubber to protect the inner layers and to provide excellent resistance to abrasion against the pulley groove. The rubber used in the top compression section is compounded to withstand shock loads and to keep the belt flexing readily when passing over the pulleys. Tough polyester cords have been tempered for maximum strength, low elongation, and greater resistance to bending fatigue. An insulation section holds this tension member in the correct position, and provides extra strong adhesion between the cords and the top and bottom compression sections. The bottom compression section is compounded to maintain the cross-section of the belt and to resist compression and heat for a longer working life.

Wrapped type belts are manufactured in Z(M), A, B, C, D and E sections as standard, and in special sections 20 and 25.

Raw edge cogged belts provide flexibility to enable the use of smaller pulleys, and so save costs on drive design. For long service life the construction features wear, oil and heat resistance top and bottom fabric, and specially compounded compression rubber with fibres that maintain the stability of the cross section. Specially treated low-stretch, high-strength polyester cords provide great resistance to bending fatigue and ensure the stability of belt length. They are manufactured in sections AX, BX and CX.

Wedge (or narrow) V-belts
High capacity Wedge V-belts are designed to meet BS3790, DIN7753 and RMA (IP22) specifications, offering possibilities for more compact drive designs. Incorporating polyester cords for low elongation and high tensile strength, they are heat and oil resistant and antistatic.
Wedge raw edge cogged V-belts are available in American sections 3VX and 5VX, and European sections SPZX, SPAX, SPBX and SPCX.
Wedge wrapped belts are available in American sections 3V, 5V and 8V, and in European metric types SPZ, SPA, SPB, SPC.

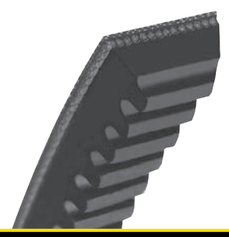
Banded V-belts
Banded V-belts are multiple V-belts joined together by a high quality Neoprene fabric into a single driving belt unit. They are specially useful in heavy-duty applications where shock loading and vibration problems occur, and on long centre distances, vertically mounted shafts, small diameter pulleys, and reverse drive applications. Banded belts are available in the classical RA, RB and RC sections and in the wedge R3V, R5V and R8V sections.

Fractional horsepower (FHP) V-belts
These are used for light-duty industrial machinery and domestic appliances, and are available in the American RMA standard sections 3L, 4L and 5L.

Double/hexagonal V-belts
Double V-belts are intended for use on serpentine drives where the belt has a reverse bend round one or more pulleys and is required to drive on both sides of the section. These belts are available in standard AA, BB and CC sections.

Variable speed belts
Variable speed belts are used on industrial and agricultural machinery with infinitely variable drive ratios. They are specially constructed for flexibility and low heat build up, resulting in high power transmission and long belt life. A complete range includes standard versions in imperial and metric sizes, as well additional types available on request.

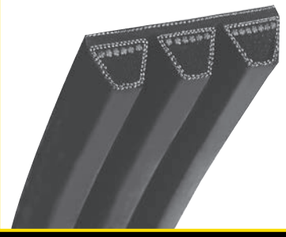
Raw Edge Cogged



Classical V-belt

Wedge V-belt

Banded V-belt



Ribbed belts

Timing belts

Double Sided Timing belt

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