



MEGAFLEX

PU TRULY ENDLESS TIMING BELTS

MEGAFLEX timing belts are manufactured in thermoplastic polyurethane, with continuous spiral steel cords.

This type of belt, developed by our Research & Development, offers good running characteristics and high traction loads. They are especially suited for power transmission and conveying with high loads and high speeds (up to 10.000 RPM). The addition of a nylon coating on the teeth during production enhances the running properties for specific applications and reduces the noise frictional coefficient. An extra thickness of special coating is also possible on the back of the belt offering extra protection against aggressive or heavy products.

MEGAFLEX belts are truly endless, enabling them to deliver exceptional performance.



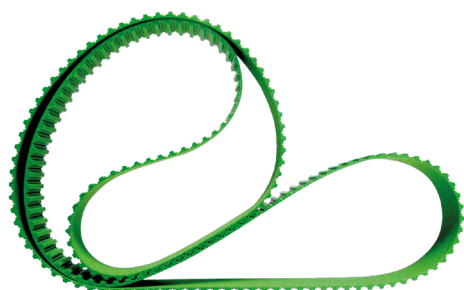
Megadyne MEGAFLEX timing belts are available from 1.500 up to 22.600 mm length. On customer request and with minimum quantity, MEGAFLEX belt can be produced with different hardness or special compounds:

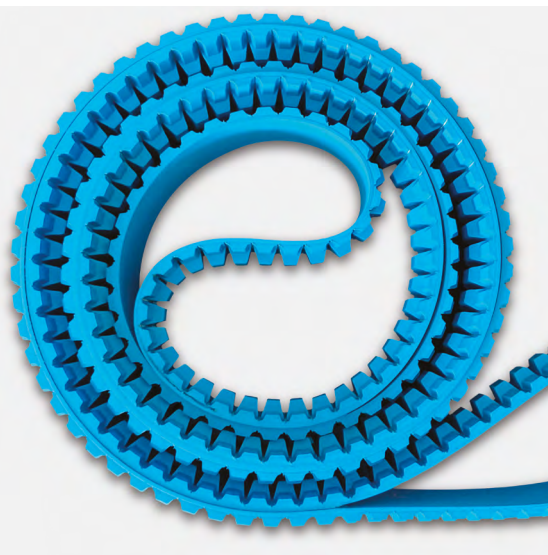
- 90 ShA food quality polyurethane for contact with food
- 92 ShA silicon free for painting system food and medical products
- 95 ShA glass reinforced
- PU blue FCM certified for contact with food
- 98 ShA extra hard polyurethane
- PU dark blue XMD (Metal and X-ray detectable)
- 92 ShA higher resistance to temperature



Megadyne has expanded its range of MEGAFLEX with the new **MEGAFLEX MegaEco Biobased**, the sustainable belt solution for power transmission system. Made with polymer coming partially from vegetable sources, this "eco-friendly" belt can support companies to reduce CO₂ footprint.

MEGAFLEX MegaEco Biobased AT10 is available from stock. Please contact Megadyne team for information about other pitches.

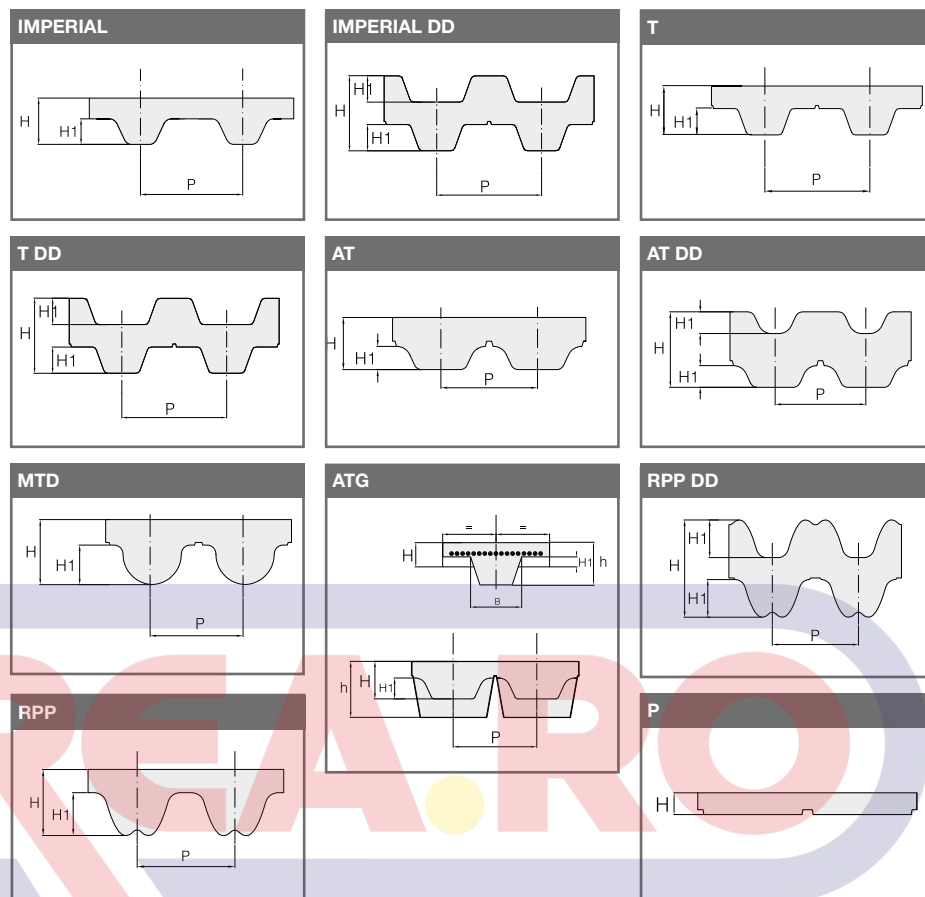




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STANDARD RANGE:



SPECIAL CONSTRUCTIONS

- High flex cords
- (NFT) nylon fabric on the teeth (available from 1.900 mm length)
- Custom milling, grinding and drilling to specification
- Additional continuous coatings on the back of the belt in:
 - PU 85 ShA
 - Tenax 50 ShA
 - Linatex 40 ShA
 - Yellow PUR 60 ShA
 - Grey PUR 60 ShA
 - Neoprene rubber 70 ShA

Other hardnesses available on request.

MEGAFLEX - PU TRULY ENDLESS TIMING BELTS

XL/XLDD		L/LDD		H/HDD		XH/XHDD		T5/T5DD	
STD. WIDTH (mm)		STD. WIDTH (mm)		STD. WIDTH (mm)		STD. WIDTH (mm)		STD. WIDTH (mm)	
12,7		12,7		12,7		25,4		10	
19,05		19,05		19,05		38,1		16	
25,4		25,4		25,4		50,8		25	
38,1		38,1		38,1		76,2		32	
50,8		50,8		50,8		101,6		50	
76,2		76,2		76,2		152,4		75	
101,6		101,6		101,6				100	
152,4		152,4		152,4				150	
P	5,08	P	9,525	P	12,7	P	22,225	P	5
H	2,3	H	3,6	H	4,3	H	11,2	H	2,2
H ₁	1,27	H ₁	1,9	H ₁	2,29	H ₁	6,35	H ₁	1,2
H _t	3,05	H _t	4,58	H _t	5,95	H _t	15,49	H _t	3,4

T10/T10DD		T20/T20DD		AT5/AT5DD		AT10/AT10DD		AT15	
STD. WIDTH (mm)		STD. WIDTH (mm)		STD. WIDTH (mm)		STD. WIDTH (mm)		STD. WIDTH (mm)	
12		25		10		12		32	
16		32		16		16		50	
25		50		25		25		75	
32		75		32		32		100	
50		100		50		50		150	
75		150		75		75			
100				100		100			
150				150		150			
P	10	P	20	P	5	P	10	P	15
H	4,5	H	8	H	2,7	H	4,5	H	6,3
H ₁	2,5	H ₁	5	H ₁	1,2	H ₁	2,5	H ₁	3,8
H _t	7	H _t	13	H _t	3,9	H _t	7	H _t	

AT20/AT20DD		MTD 8M		ATG10 K13		RPP5/RPP5DD		RPP8/RPP8DD	
STD. WIDTH (mm)		STD. WIDTH (mm)		STD. WIDTH (mm)		STD. WIDTH (mm)		STD. WIDTH (mm)	
25		15		25		10		15	
32		20		32		15		20	
50		30		50		25		30	
75		50		75		30		50	
100		85		100		50		85	
150		100		150		85		100	
		150				100		150	
				P	10	150			
P	20	P	8	H	4,5	P	5	P	8
H	8	H	5,6	H ₁	2,5	H	3,8	H	5,4
H ₁	5	H _t	3,4	B	13	H ₁	2	H ₁	3,2
H _t	13			h	9	H _t	5,2	H _t	7,8

RPP14/RPP14DD		P2	
STD. WIDTH (mm)		STD. WIDTH (mm)	
25		25	
40		50	
55		75	
85		100	
115		150	
150			
P	14		
H	10		
H ₁	6		
H _t	14,5	P	2

TIMING BELTS

