Technical datasheet

# PU Moulded T10 -480 Steel



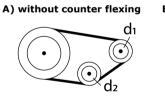
Article code: TBUM000119

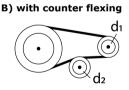
General information								
Productgroup	Timing belts, PU Moulded							
Industry segment	General industry;	General industry; Container & packaging; Wood: Panel board						
Main product feature	Positive drive, No	Positive drive, Non-marking, Wear resistant						
Belt construction								
Tension member		steel						
Material	body	body Polyurethane						
Surface	tooth side	Polyurethar	ne					
	back side	Polyurethar	ne					
Characteristics								
Food Grade (FG)	no							
Antistatic (AS)	no							
Oil & Fat resistance	yes							
Technical data								
Tooth	profile			T10				
	pitch				mm	0.39	in.	
Hardness body material	ISO 868				Shore			
Belt thickness					mm	0.18		
Belt weight					kg/m²	0.98	lbs/ft²	
Coefficient of friction	tooth side to steel continuous		dynamic	0,5 -30 / 80		-22 / 176	0	
Operating temperature Minimum pulley diameter	A) without counter flexing		from / to number of teeth, t1	-30 / 80		-22 / 170	-F	
minimum puney diameter	A) without counter nexing		d1	36.35		1.43	in	
			d1 d2		mm	2.36		
	B) with counter f	lexina	number of teeth, t1	20		2.50		
			d1	61.81		2.43	in.	
			d2	60	mm	2.36	in.	
Belt width	maximum			300	mm	11.81	in.	
Belt length				480	mm	18.9	in.	

#### **Reference images**

Side view

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### Fabrication

This information on the fabrication options is general, please contact Ammeraal Beltech to inquire for the specific fabrication possibilities of the timing belt of your choice.

Cleats welded or mechanically attached, metal teeth, guides welded or glued.

Covers can be welded, glued, coated or vulkanized onto the back side of the timing belt.

Thermoplastic covers can be embossed.

Perforations, lateral and logitudinal slots, lateral and longitudinal profiles.

### Additional Information

Tooth profile according to standard: metric ISO 17396, imperial ISO 5296-1, curvilinear ISO 13050, depending on the belt type.

This sheet contains typical values, which apply to a temperature of approx. 20 °C (68 °F), unless otherwise stated, individual data may differ. Consult our specialists for further information like technical calculations. Instructions regarding joining, storage & maintenance and tracking & tensioning.

Standard

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