

Ultrasync F5 T10 Amtel Ivory FG

Article code: UCAM005300

General information

Product group	Ultrasync
Industry segment	General industry; Food; Tobacco
Main product feature	Positive drive, Wear resistant, Wet circumstances

Belt construction

Tension layer		polyester
Number of plies		1
Top side	material	Amtel, TPE
	finish	smooth
	color	ivory
Bottom side	material	Amtel, TPE
	finish	profile, T10
	color	ivory

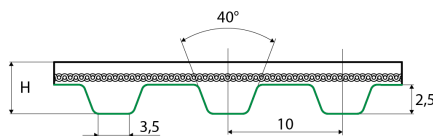
Characteristics

Food Grade (FG)	yes	EC 1935/2004, EU 10/2011; FDA
Oil & Fat resistance	yes	
Antistatic (AS)	no	

Technical data

Tooth	profile		T10		
Hardness	ISO 868	top side	40D Shore		
Belt tension at maximum allowable elongation			5 N/mm	28.55 lbs/in.	
Thickness		belt	4.5 mm	0.18 in.	
		top cover	0.7 mm	0.03 in.	
Weight			3.7 kg/m ²	0.76 lbs/ft ²	
Coefficient of friction	tooth side against steel	dynamic	0,6		
		static	0,7		
Operating temperature	continuous	from / to	-10 / 110 °C	14 / 230 °F	
Minimum pulley diameter	flexing		43 mm	1.69 in.	
	backflexing		70 mm	2.76 in.	
Belt width	maximum		1000 mm	39.37 in.	

Reference images



Fabrication

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

Open end, prepared splice, spliced endless with mechanical fastener or a pin joint fastener.

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

This sheet contains typical values, which apply to a temperature of approx. 20 °C (68 °F), unless otherwise stated, individual data may differ.
The T10 tooth profile is according to ISO 17396.

Standard	

