

Ultrasync F5 T10 Ropanyl white NT

Article code: UCRY005110

General information

Product group	Ultrasync
Industry segment	General industry; Paper & print: Hygiene products
Main product feature	Positive drive, Wear resistant, Low friction tooth side

Belt construction

Tension layer		polyester
Number of plies		1
Top side	material	Ropanyl, TPU
	finish	smooth
	color	white
Bottom side	material	Polyamide, Polyamide
	finish	bare fabric, T10
	color	green

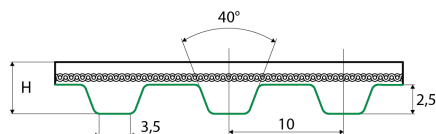
Characteristics

Food Grade (FG)	yes	
Oil & Fat resistance	yes	
Antistatic (AS)	no	
ATEX approval	no	

Technical data

Tooth	profile		T10	
Hardness	ISO 868	top side	93A 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			3.5 kg/m ²	0.72 lbs/ft ²
Coefficient of friction	tooth side against steel	dynamic	0,3	
		static	0,6	
Operating temperature	continuous	from / to	-10 / 90 °C	14 / 194 °F
Minimum pulley diameter	flexing		43 mm	1.69 in.
	backflexing		60 mm	2.36 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