

# Ultrasync F5 T10 Ropanyl white FG

Article code: UCRY005100

## General information

<b>Product group</b>	Ultrasync
<b>Industry segment</b>	General industry; Food: Meat & poultry, Fish & seafood, Bakery
<b>Main product feature</b>	Positive drive, Wear resistant, Wet circumstances

## Belt construction

<b>Tension layer</b>		polyester
<b>Number of plies</b>		1
<b>Top side</b>	<b>material</b>	Ropanyl, TPU
	<b>finish</b>	smooth
	<b>color</b>	white
<b>Bottom side</b>	<b>material</b>	Ropanyl, TPU
	<b>finish</b>	profile, T10
	<b>color</b>	white

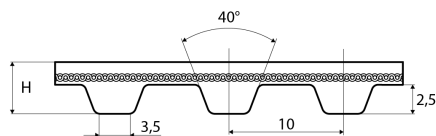
## Characteristics

<b>Food Grade (FG)</b>	yes	EC 1935/2004, EU 10/2011; FDA
<b>Oil &amp; Fat resistance</b>	yes	
<b>Antistatic (AS)</b>	no	
<b>ATEX approval</b>	no	

## Technical data

<b>Tooth</b>	profile		T10	
<b>Hardness</b>	ISO 868	top side	93A Shore	
<b>Belt tension at maximum allowable elongation</b>			5 N/mm	28.55 lbs/in.
<b>Thickness</b>		belt	4.7 mm	0.19 in.
		top cover	0.7 mm	0.03 in.
<b>Weight</b>			3.7 kg/m <sup>2</sup>	0.76 lbs/ft <sup>2</sup>
<b>Coefficient of friction</b>	tooth side against steel	dynamic	0,5	
		static	0,6	
<b>Operating temperature</b>	continuous	from / to	-10 / 90 °C	14 / 194 °F
<b>Minimum pulley diameter</b>	flexing		43 mm	1.69 in.
	backflexing		60 mm	2.36 in.
<b>Belt width</b>	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**