Technical datasheet

Ultrasync F5 T10 Silam white NT

Ammeraal Beltech
Innovation & Service in Belting

General information

Product group	Ultrasync
Industry segment	General industry; Paper & print: Hygiene products
Main product feature	Positive drive, Non-stick, High friction

Belt construction

Tension layer		polyester
Number of plies		1
Top side	**material**	Silam, Silicone
	finish	smooth
	color	white
Bottom side	**material**	Polyamide, Polyamide
	finish	profile, T10
	color	green

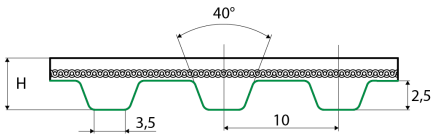
Characteristics

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

Technical data

Tooth	profile		T10			
Hardness	ISO 868	top side	40A	Shore		
Belt tension at maximum allowable elongation			3	N/mm	17.13	lbs/in.
Thickness		belt	4.5	mm	0.18	in.
		top cover	0.7	mm	0.03	in.
Weight			3.6	kg/m²	0.74	lbs/ft²
Coefficient of friction	tooth side against steel	dynamic	0,3			
		static	1,3			
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	