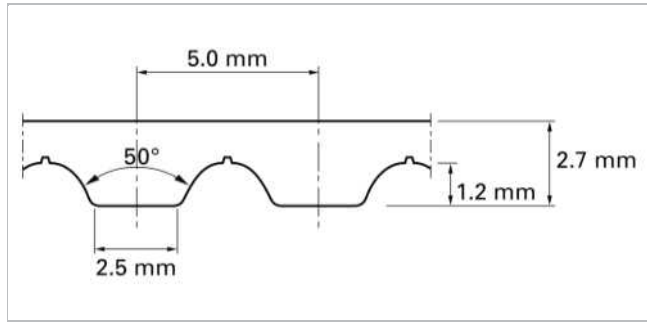
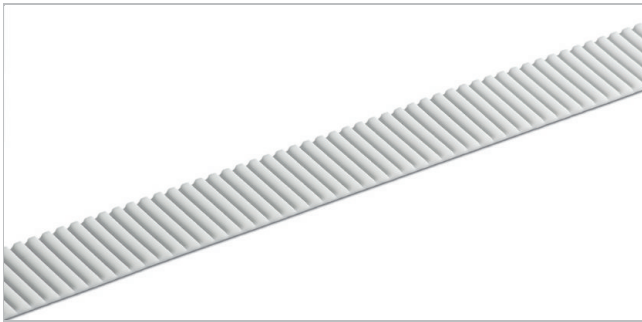


# HabaSYNC Open-end Timing Belts AT5-P



## Description

Metric, AT shape, Modified trapezoidal, 5 mm pitch, Performance steel cord



Sketch of basic shape

Product Construction / Design								
Material Type	Color	Hardness	Temperature range				Food grade <sup>1</sup>	Characteristic
			°C	°F	°C	°F		
01	White	92	-20	-4	80	176	No	TPU - polyester

### Standard belt options - Conveying side

Unprocessed (U), Green polyamide fabric (P)

### Standard belt options - Teeth side

Unprocessed (U), Green polyamide fabric (P)

Technical data									
Belt slitting width, nominal		Admissible tensile force, open belt		Ultimate tensile strength		Tensile force for 1% elongation		Mass of belt (belt weight)	
mm	inch	N	lbf	N	lbf	N	lbf	kg/m	lb/ft
25.0	0.98	2440	549	9300	2091	6400	1439	0.09	0.06

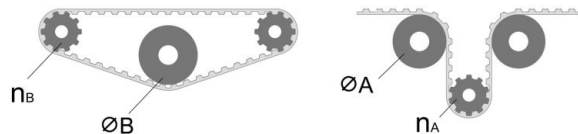
Maximum belt width (150 mm / 6 inch).

Belt versions with increased thickness are available on request. Please consider larger minimum pulley diameters.

**The admissible tensile force** always corresponds with a belt elongation of 0.4%. Joined belts are calculated with half admissible force. Please contact Habasit for detailed information and calculations.

[Link to JDS:](#)

Technical data					
ØB		n <sub>B</sub>	ØA		n <sub>A</sub>
mm	inch		mm	inch	
40	1.57	25	60	2.36	25



All data are approximate values under **standard climatic conditions**: 23 °C / 73 °F, 50% relative humidity (DIN 50005 / ISO 554), and are based on the Master Joining Method.

Limited representative testing based on a standard configuration is carried out to estimate minimum pulley diameters. Please contact Habasit for specific guidance regarding non-standard applications, including, but not exclusively, when profiles or cleats are used, or if the belt working temperature is close to the limits listed in this document.

### Disclaimer

#### Product Application Disclaimer (valid for ALL Habasit products and mentioned on all PDS)

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Product Data Sheet (Released) 19.11.2024

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