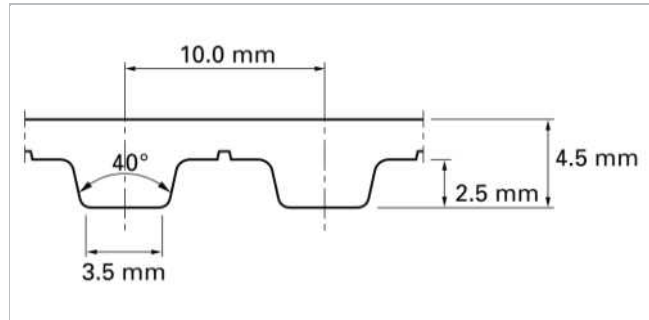
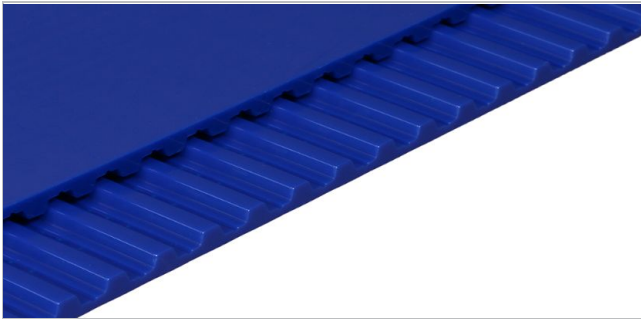


# HabaSYNC Wide Timing Belts WT10-A



## Description

Metric, T shape, Standard trapezoidal, 10 mm pitch, Aramid cord



Sketch of basic shape

## Product Construction / Design

Material Type	Color	Hardness	Temperature range				Food grade <sup>1</sup>	Characteristic
			°C		°F			
		ShA	°C	°F	°C	°F		
04	White	92	-20	-4	80	176	No	TPU - polycarbonate
05	Cobalt blue	90	-30	-22	80	176	Yes	TPU - polyether
09	Black	92	-20	-4	80	176	No	TPU - polycarbonate
15	Dark blue	90	-30	-22	80	176	Yes	Metal-detectable
55	Cobalt blue	90	-20	-4	70	158	Yes	TPU - polyester
22	Transparent	90	-20	-4	70	158	Yes	TPU - polyester

<sup>(1)</sup> This product is in compliance with relevant EU and/or US food contact requirements. Check the following link for detailed information [Documents of Compliance](#)

## Standard belt options - Conveying side

Unprocessed (U), Green polyamide fabric (P), Antistatic black polyamide fabric (A)<sup>(2)</sup>

## Standard belt options - Teeth side

Unprocessed (U), Green polyamide fabric (P), Antistatic black polyamide fabric (A)<sup>(2)</sup>

<sup>(2)</sup> Fulfills ISO 9563

## Technical data

Belt slitting width, nominal		Admissible tensile force, open belt		Admissible tensile force, joined belt		Tensile force for 1% elongation		Mass of belt (belt weight)
mm	N	lbf	N	lbf	N	lbf	kg/m	lb/ft
609.0	13000	2923	6500	1461	20000	4496	2.30	1.55

Any **belt width** is possible within the nominal belt slitting width.

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

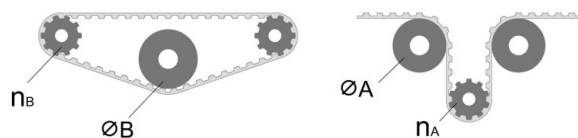
**The ultimate tensile strength (or breaking strength)** for the widest slitting width mentioned above is 95000 N.

**The admissible tensile force** always corresponds with a belt elongation of 0.6%. 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	
60	2.36	15	60	2.36	20



# HabaSYNC Wide Timing Belts

## WT10-A



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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