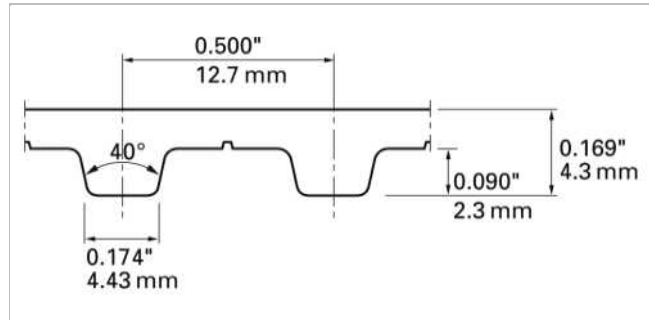
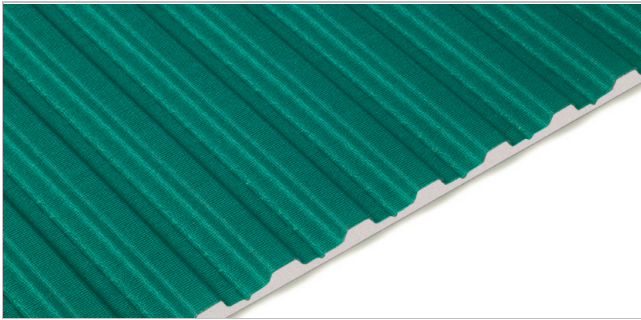


HabaSYNC Wide Timing Belts WH-A+M



Description

0.5" pitch, Matt, Imperial, T shape, Standard trapezoidal, Aramid cord



Sketch of basic shape

Product Construction / Design

Material Type	Color	Hardness	Temperature range				Food grade ¹	Characteristic
			°C	°F	°C	°F		
05	Cobalt blue	90	-30	-22	80	176	Yes	TPU - polyether
04	White	92	-20	-4	80	176	No	TPU - polycarbonate
66	Black	90	-20	-4	70	158	Yes	TPU - polyester
55	Cobalt blue	90	-20	-4	70	158	Yes	TPU - polyester
22	Transparent	90	-20	-4	70	158	Yes	TPU - polyester

¹⁾ 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)²⁾

Standard belt options - Teeth side

Unprocessed (U), Green polyamide fabric (P), Antistatic black polyamide fabric (A)²⁾

²⁾ 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	inch	N	lbf	N	lbf	N	lbf	kg/m	lb/ft
609.0	24.0	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.

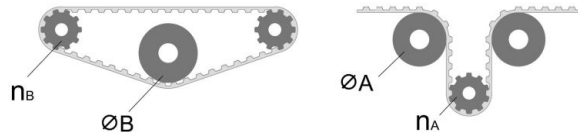
The ultimate tensile strength (or breaking strength) for the widest slitting width mentioned above is 95000 N.

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 _B	ØA		n _A
mm	inch		mm	inch	
60	2.36	15	60	2.36	20



HabaSYNC Wide Timing Belts WH-A+M



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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