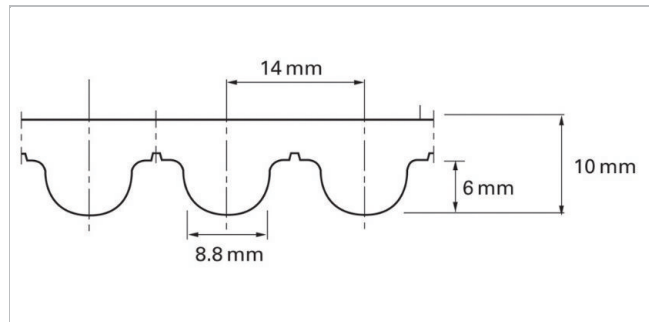
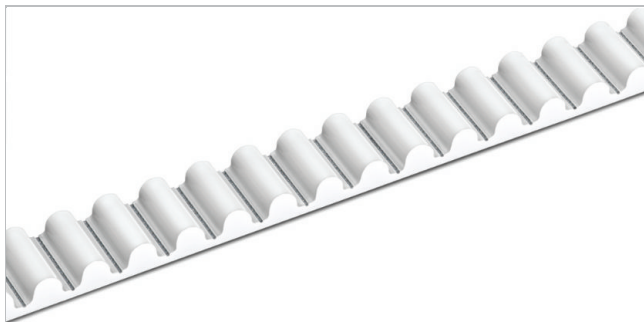


# HabaSYNC Open-end Timing Belts 14M-S



## Description

0.5" pitch, Metric, HTD shape, Curvilinear, 14 mm pitch, (Standard) 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
06	Black	92	-20	-4	80	176	No	TPU - polyester

### 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	inch	N	lbf	N	lbf	N	lbf	kg/m	lb/ft
25.0	0.98	7050	1585	3530	794	17470	3927	0.28	0.19
55.0	2.2	14750	3316	7370	1657	36530	8212	0.62	0.42
85.0	3.3	23080	5189	11540	2594	57180	12855	0.95	0.64

Maximum belt width (150 mm / 6 inch).

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

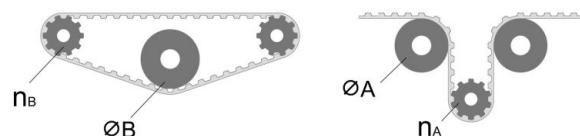
**The ultimate tensile strength (or breaking strength)** for the widest slitting width mentioned above is 79890 N.

**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	
115	4.53	25	180	7.09	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.

# HabaSYNC Open-end Timing Belts 14M-S



## **Disclaimer**

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

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