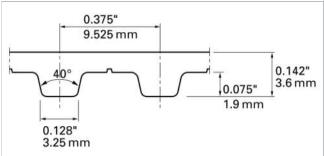
HabaSYNC Open-end Timing Belts I-S



Description

0.375" pitch, Imperial, T shape, Standard trapezoidal, (Standard) steel cord





Sketch of basic shape

Product Construction / Design									
Material Type	Color	Hardness	Temperature range				Food grade ¹	Characteristic	
		ShA	°C	°F	°C	°F			
01	White	92	-20	-4	80	176	No	TPU - polyester	
02	Transparent	88	-20	-4	70	158	Yes	TPU - polyester	
16	Transparent	85	-30	-22	80	176	Yes	TPU - polyester	

¹¹ 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						Tensile force for 1% elongation		Mass of belt (belt weight)		
mm	inch	N	lbf	N	lbf	N	lbf	kg/m	lb/ft	
19.1	0.75	1270	286	635	143	3106	698	0.07	0.05	
25.4	1.00	1700	382	850	191	4250	955	0.10	0.07	

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 7410 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. <u>Link to JDS:</u>

Technical data										
	ØB	n _B	Q	ΣA	n _A					
mm	inch		mm	inch						
60	2.36	15	60	2.36	20					



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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

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