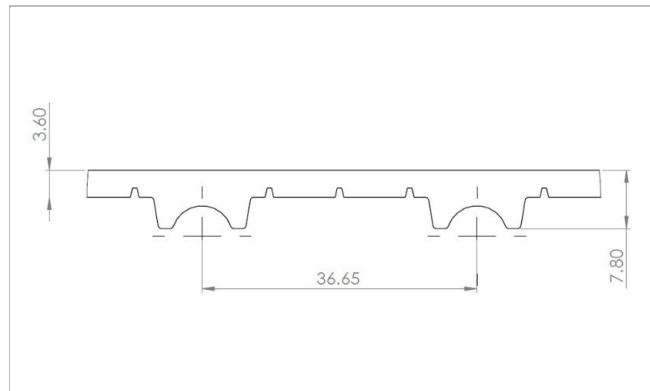
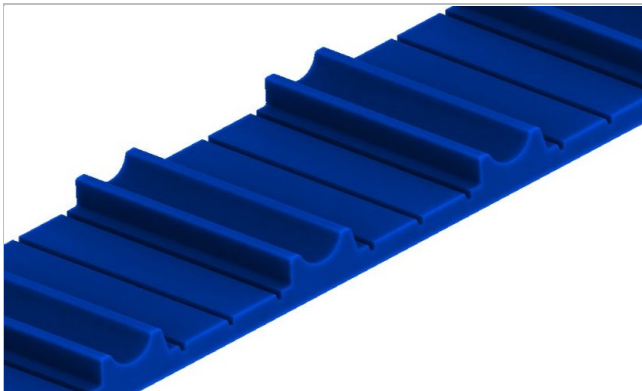


Description

(Standard) steel cord



Sketch of basic shape

Product Construction / Design							
Material Type	Color	Hardness	Temperature range		Food grade ¹		
		ShA	°C	°F	°C	°F	
01	Cobalt blue	92	-20	-4	80	176	No

Standard belt options - Conveying side

Unprocessed (U)

Standard belt options - Teeth side

Unprocessed (U)

Technical data									
Belt slitting width, nominal		Admissible tensile force, truly endless 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	4500	1012	20760	4667	11250	2529	0.24	0.16

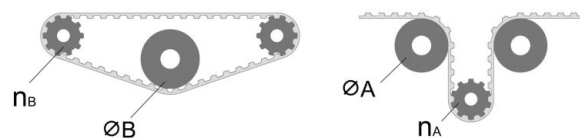
Maximum belt width (150 mm / 6 inch).

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 _B	ØA		n _A
mm	inch		mm	inch	
120	4.72	18	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.

Disclaimer

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

HabaSYNC Flex Belts FC50-S



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