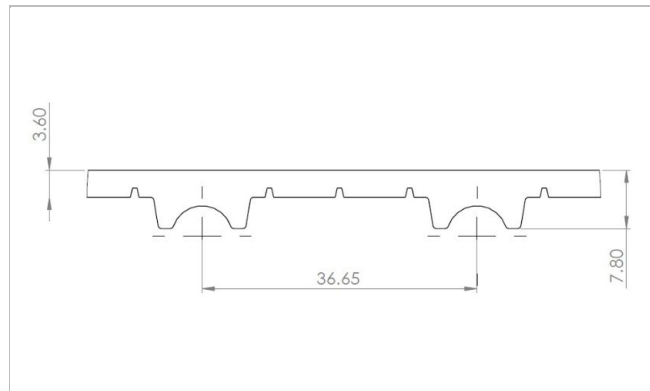
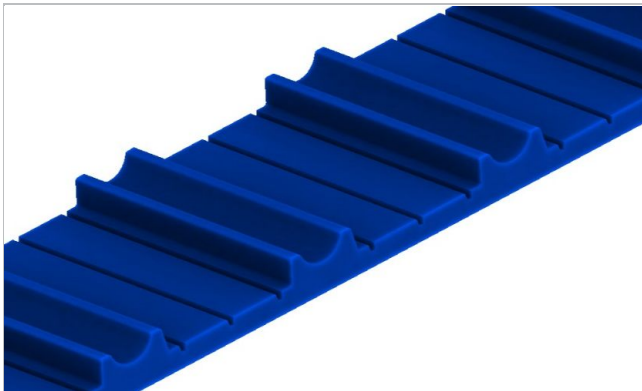


## Description

(Standard) steel cord



Sketch of basic shape

### Product Construction / Design

Material Type	Color	Hardness	Temperature range				Food grade <sup>1</sup>
			°C	°F	°C	°F	
01	Cobalt blue	ShA 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).

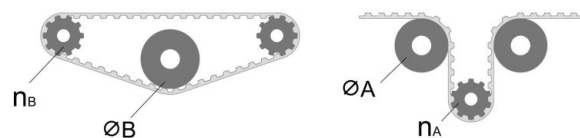
Belt versions with increased thickness are available on request. Please consider larger minimum pulley diameters.

**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 <sub>B</sub>	ØA		n <sub>A</sub>
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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