

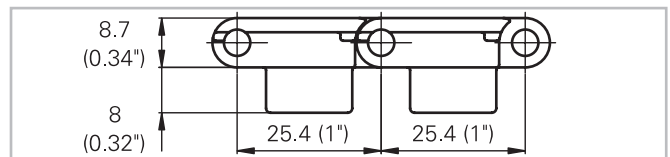
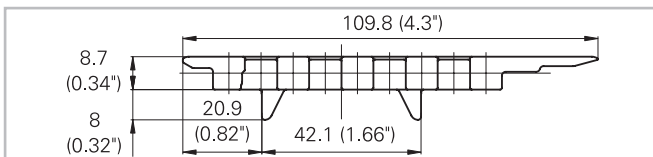
HabasiLINK®

M2420 ActivXchange 1"



Description

- 0% open area
- Solid plate
- Smooth and flat surface with flush edges
- Designed for 90° self clearing transfer
- Suitable for 83.8 mm (3.3") track
- 8.7 mm (0.34") thick
- Rod diameter 4.5 mm (0.18")
- Smart Fit rod retaining headless
- Food approved materials available
- Robust design
- Suitable with all M2400 sprockets
- Tracking tabs for belt guiding



Belt data

	Belt material	Rod material	Nominal tensile strength F_N straight run		Belt weight m_B	
			N	lbf	kg/m	lb/ft
M2420L03	POM +LF	PA	1700	383	0.77	0.51
M2420L03	POM +LF	PBT	1400	315	0.77	0.51
M2420L03	POM +LF	PP	1200	270	0.77	0.51

Real belt widths are in most cases 0.1% to 0.3% smaller.

Diameter of idling rollers (minimum)		Diameter of support rollers (minimum)		Diameter for gravity take-up and center drive rollers (minimum)	
mm	inch	mm	inch	mm	inch
40	1.6	50	2	100	4

Temperature range

Module material	Rod material	Temperature range	
POM +LF	PA	-40 °C to +93 °C	-40 °F to +200 °F
POM +LF	PBT	-40 °C to +93 °C	-40 °F to +200 °F
POM +LF	PP	+5 °C to +93 °C	+40 °F to +200 °F

For detailed material properties refer to the HabasiLINK® Engineering Guidelines.

The nominal tensile strength is valid for 23 °C (73 °F). The admissible tensile force depends on the operating temperature near the drive sprockets. Within the temperature range allowed, the admissible tensile force may vary from 100% to 20% of the nominal tensile strength. For detailed information and correct calculation of effective tensile force refer to the Calculation Guide in the HabasiLINK® Engineering Guidelines.

HabasiLINK®

M2420 ActivXchange 1"



Disclaimer

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

This disclaimer is made by and on behalf of Habasi and its affiliated companies, directors, employees, agents and contractors (hereinafter collectively "HABASIT") with respect to the products referred to herein (the "Products"). SAFETY WARNINGS SHOULD BE READ CAREFULLY AND ANY RECOMMENDED SAFETY PRECAUTIONS BE FOLLOWED STRICTLY! Please refer to the Safety Warnings herein, in the Habasi catalogue as well as installation and operating manuals. All indications / information as to the application, use and performance of the Products are recommendations provided with due diligence and care, but no representations or warranties of any kind are made as to their completeness, accuracy or suitability for a particular purpose. The data provided herein are based on laboratory application with small-scale test equipment, running at standard conditions, and do not necessarily match product performance in industrial use. New knowledge and experience may lead to re-assessments and modifications within a short period of time and without prior notice.

EXCEPT AS EXPLICITLY WARRANTED BY HABASIT, WHICH WARRANTIES ARE EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, THE PRODUCTS ARE PROVIDED "AS IS". HABASIT DISCLAIMS ALL OTHER WARRANTIES, EITHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, NON-INFRINGEMENT, OR ARISING FROM A COURSE OF DEALING, USAGE, OR TRADE PRACTICE, ALL OF WHICH ARE HEREBY EXCLUDED TO THE EXTENT ALLOWED BY APPLICABLE LAW. BECAUSE CONDITIONS OF USE IN INDUSTRIAL APPLICATION ARE OUTSIDE OF HABASIT'S CONTROL, HABASIT DOES NOT ASSUME ANY LIABILITY CONCERNING THE SUITABILITY AND PROCESS ABILITY OF THE PRODUCTS, INCLUDING INDICATIONS ON PROCESS RESULTS AND OUTPUT.