

HabasitLINK[®] M1220 ActivXchange 0.5"

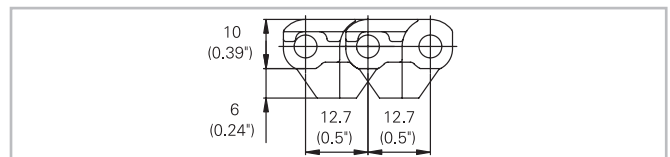
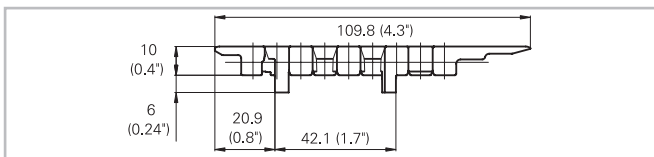
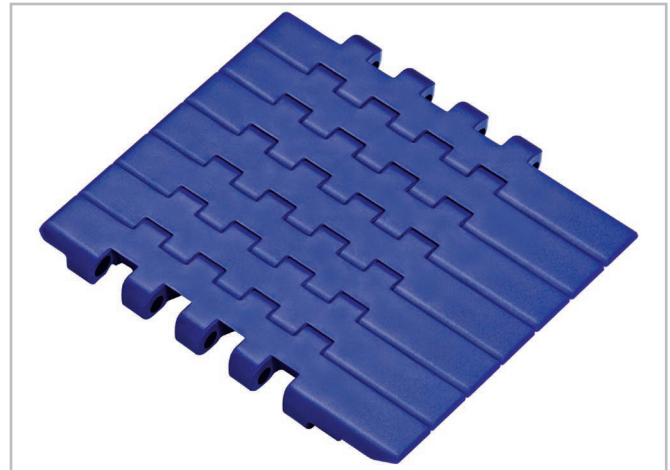


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Belting And Chain

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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
- 10 mm (0.39") thick
- Rod diameter 4.5 mm (0.18")
- Smart Fit rod retaining headless
- Food approved materials available
- Robust design
- Suitable with all M1200 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
M1220L03	POM +LF	PA	1900	428	0.91	0.61
M1220L03	POM +LF	PBT	1500	338	0.91	0.61
M1220L03	POM +LF	PP	1200	270	0.91	0.61

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
18	0.7	50	2	75	3

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 HabasitLINK[®] Engineering Guidelines or contact your Habasit representative.

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 HabasitLINK[®] Engineering Guidelines.