

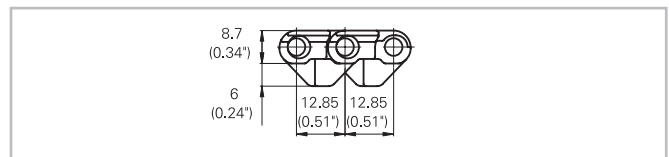
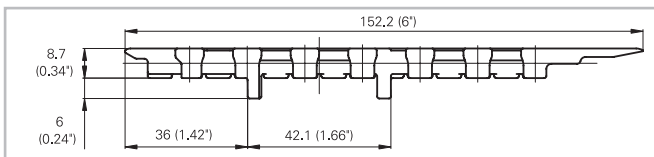
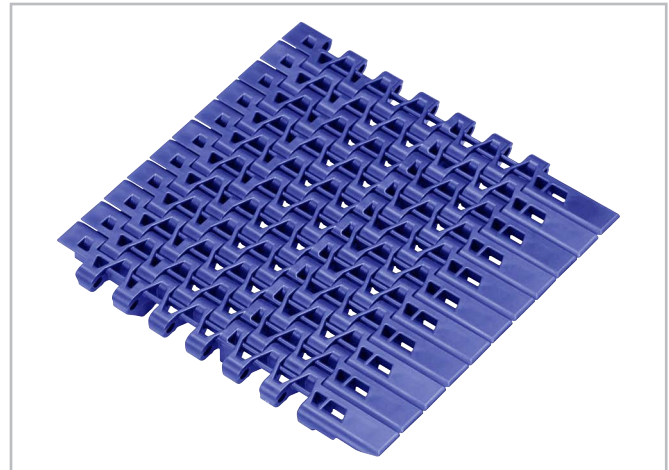
HabasitLINK®

M1280 ActivXchange 0.5"



Description

- 8.7 mm (0.34") thick
- Imperial width
- 18% open area
- 87% open contact area
- Open hinge
- Rod diameter 4.5 mm (0.18")
- Smart Fit rod retaining headless
- Optimized edges for smooth sliding transfer
- Suitable with all M1200 sprockets
- Smooth surface with flush edges
- Designed for 90° self clearing transfer
- 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
M1280L04	POM +LF	PA	2400	540	1.05	0.71
M1280L04	POM +LF	PBT	2000	450	1.05	0.71
M1280L04	POM +LF	PP	1600	360	1.05	0.71

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.

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.

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