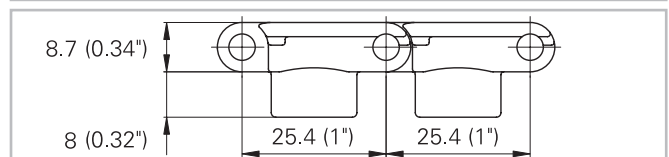
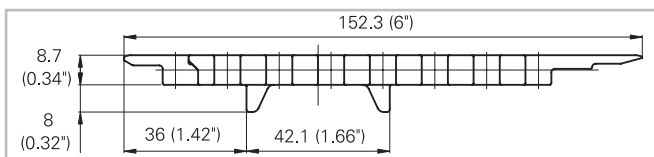
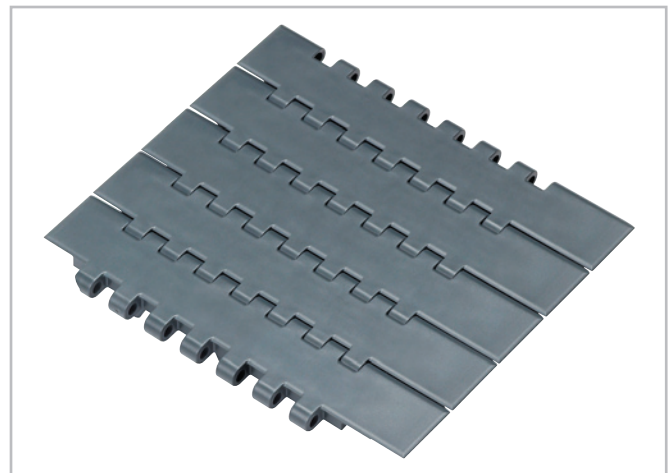


# HabasitLINK® Straight 1" Pitch Belting M2470 ActivXchange 1"



## Description

- 0% open area
- Solid plate
- Smooth and flat surface with flush edges
- Designed for 90° self clearing transfer
- 8.7mm (0.34") thick
- Rod diameter 4.5 mm
- 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
M2470L04	POM +LF	PA	3100	698	1.18	0.79
M2470L04	POM +LF	PBT	2500	563	1.18	0.79
M2470L04	POM +LF	PP	2100	473	1.18	0.79

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
50	2	100	4	40	1.6

## 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.

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