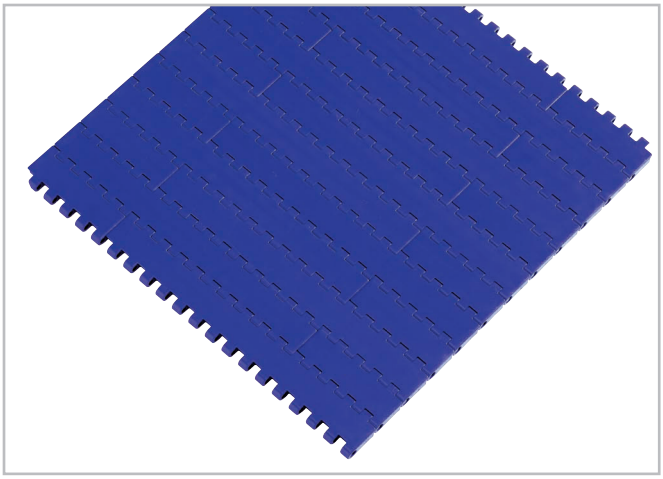
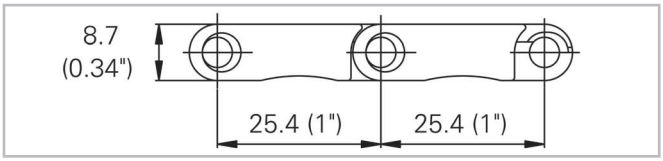
HabasitLINK ®
M2470 Flat Top 1"

Description

- Imperial belt width
- 8.7 mm (0.34") thick
- 0% open area
- Closed hinge
- Rod diameter 4.5 mm (0.18")
- Headless Smart Fit rod retention
- Strong closed edges
- Beveled edges for smooth side transfer
- Lug teeth sprockets
- Optimized for 50 mm (2") idle roller diameter, 40 mm (1.6") possible





Belt data

Belt material		PP		POM
Rod material		PP	POM	PA
Nominal tensile strength F'_N straight run	N/m	17200	18500	30000
	lb/ft	1178	1267	2055
Temperature range	°C	5 - 105	5 - 93	-40 - 93
	°F	40 - 220	40 - 200	-40 - 200
Belt weight m_B	kg/m²	5.7	5.7	8.7
	lb/sqft	1.17	1.17	1.79

Diameter of idling rollers (minimum)		Diameter of support rollers (minimum)		Diameter for gravity take-up and center drive rollers (minimum)		Backbending radius for elevators without sideguards or hold down devices (minimum)	
mm	inch	mm	inch	mm	inch	mm	inch
40	1.6	50	2	100	4	150	6

Standard range of belt widths b_0

mm (nom.)	76	152	229	305	381	457	533	610	686	762	838	914	991	etc.
inch (nom.)	3	6	9	12	15	18	21	24	27	30	33	36	39	etc.

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

Standard belt widths in increments of 76.2 mm (3"). Non-standard widths are offered in increments of 15.24 mm (0.6"). Smallest possible width 76.2 mm (3").

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.