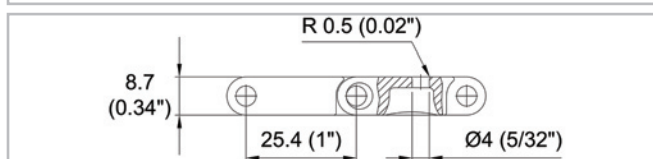
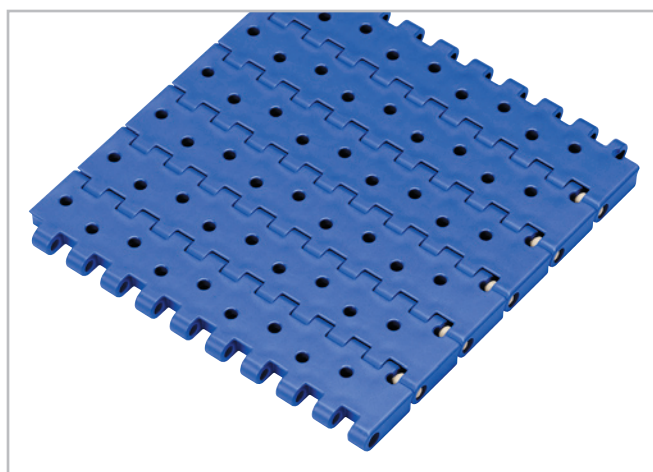


HabasitLINK® Straight 1" Pitch Belting M2472 Perforated Flat Top 1"



Description

- Imperial belt width
- 8.7 mm (0.34") thick
- 5.9% open area
- 4 mm (5/32") diameter vacuum holes
- Closed hinge
- Rod diameter 4.5 mm (0.18")
- Headless Smart Fit rod retention accessibility from the top
- Strong closed edges
- Beveled edges for smooth side transfer
- Lug teeth sprockets



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	5.65	5.65	8.67
	lb/sqft	1.16	1.16	1.78

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

We recommend to use an idle roller width with a minimum of 25 mm (1") free belt edge on each side.

Standard range of belt widths b_0

mm (nom.)	152	305	457	610	762	914	1067	1219	1372	1524	1676	1829	1981	etc.
inch (nom.)	6	12	18	24	30	36	42	48	54	60	66	72	78	etc.

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

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.

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