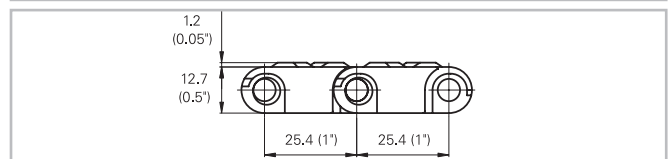


# HabasitLINK® Straight 1" Pitch Belting M2623 Non Slip 1"



## Description

- 0% open area
- Closed hinge
- Safe Non Slip profile for people mover applications
- Rod diameter 6 mm (0.22")
- Smart Fit rod retention
- Antistatic standard belt material
- Electro conductive materials available
- Also available with pattern free indent 85 mm (3.35")



## Belt data

Belt material		PP	PP +AS	POM	POM +AS
Rod material		PA			
Nominal tensile strength $F'_N$ straight run	N/m lb/ft	26500 1815	23850 2398	45000 3083	40500 2774
Temperature range	°C	5 - 105	5 - 105	-40 - 93	-40 - 93
	°F	40 - 220	40 - 220	-40 - 200	-40 - 200
Belt weight $m_B$	kg/m <sup>2</sup>	9.3	9.3	14.4	14.4
	lb/sqft	1.91	1.91	2.94	2.94

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.)	85	170	255	340	425	510	595	680	765	850	935	1020	1105	etc.
inch (nom.)	3.35	6.69	10.04	13.39	16.73	20.08	23.43	26.77	30.12	33.46	36.81	40.16	43.50	etc.

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

**Standard belt widths** in increments of 85 mm (3.35"). Non-standard widths are offered in increments of 17 mm (0.67"). Smallest possible width 85 mm (3.35").

**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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