

# HabasitLINK® Straight 1" Pitch Belting

## M2514 Nub Top 1"

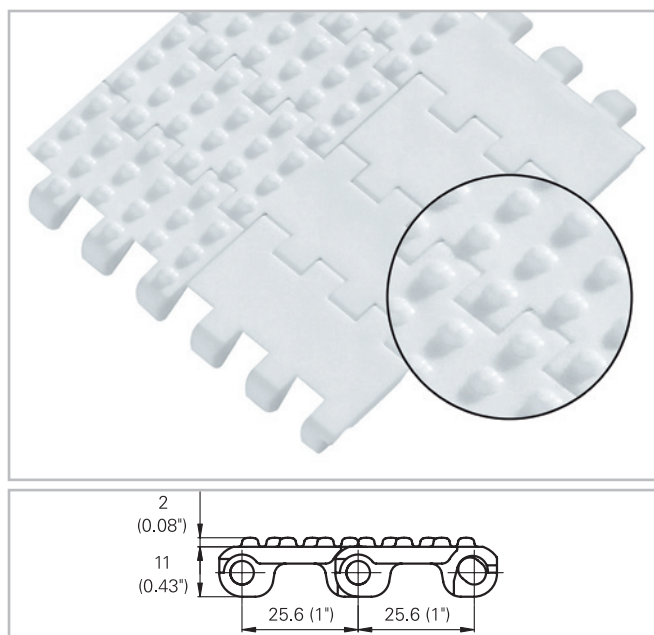


### Description

- 0% open area
- Non-adhesive due to reduced contact surface
- Open hinge, easy to clean
- Standard indent 50 mm (2")
- Rod diameter 5 mm (0.2")
- "Open window" sprockets
- Food approved materials available

### Available accessories

- Flights and Scoops
- Sideguards
- Hold down devices



### Belt data

Belt material		PP	PE	POM	
Rod material		PP	PE	PA	
Nominal tensile strength $F'_N$	N/m lb/ft	14000 959	8000 548	7000 479	21900 1500
Temperature range	°C °F	5 - 105 40 - 220	-70 - 65 -94 - 150	-40 - 65 -40 - 150	-40 - 93 -40 - 200
Belt weight $m_B$	kg/m² lb/sqft	5.1 1.05	5.4 1.11	7.7 1.57	7.7 1.57

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)		Backbending radius for elevators with sideguards or hold down devices (minimum)	
mm	inch	mm	inch	mm	inch	mm	inch	mm	inch
40	1.6	50	2	100	4	150	6	250	10

Use the largest possible backbending radius for elevators with side guards or hold down devices.

### Standard range of belt widths $b_0$

mm (nom.)	200	250	300	350	400	450	500	550	600	650	etc.
inch (nom.)	8	10	12	14	16	18	20	22	24	26	etc.

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

**Standard belt widths** in increments of 50 mm (2"). Non-standard widths are offered in increments of 16.66 mm (0.66"). Min. width: 200 mm (8")

**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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