

# HabasisLINK® Straight 1" Pitch Belting M2620 Roller Top - LBP 1"

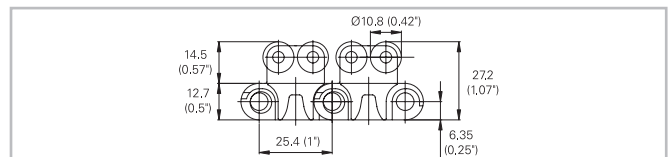
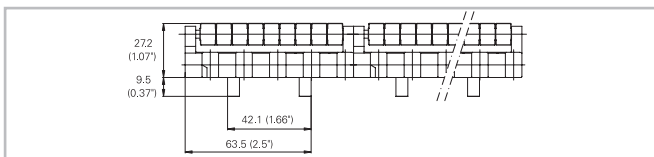
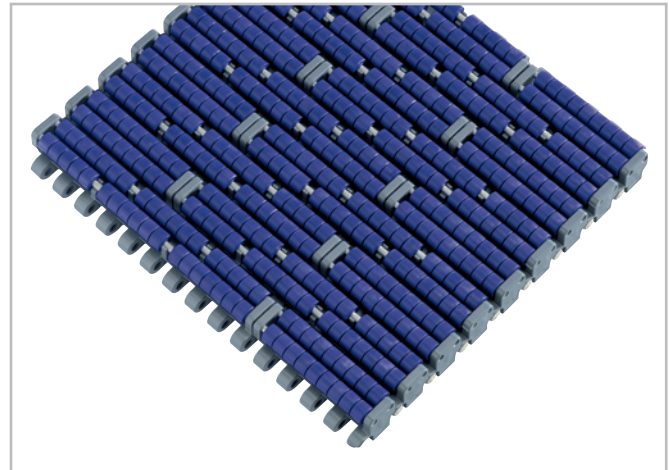


## Description

- 0% open area
- Low noise accumulation rollers
- Rod diameter: 6 mm (0.22")
- Smart Fit rod retention
- Food approved materials available
- Back bending radius: 200 mm (8")
- Optimized for Low Back Pressure (LBP) accumulation
- Double row solid and split sprockets

## Available Accessories

- Tab modules with 2 tabs (Code: -T2 double tab)



## Belt data

Belt material		POM	
Rod material		PBT	PA
Nominal tensile strength $F'_N$ straight run	N/m lb/ft	35000 2397	45000 3082
Temperature range	°C °F	-40 - 93 -40 - 200	-40 - 93 -40 - 200
Belt weight $m_B$	kg/m <sup>2</sup> lb/sqft	29.3 6.0	29.3 6.0

Diameter of idling rollers (minimum)	
mm	inch
40	1.6

## 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"). Smallest possible width 85 mm (3.35"). Non-bricklaid belts 85 mm (3.35") and 170 mm (6.69") wide.

**For detailed material properties** refer to the HabasisLINK® Engineering Guidelines or contact your Habasis 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 HabasisLINK® Engineering Guidelines.

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