

# HabasitLINK® Straight 2" Pitch Belting M5010 Flat Top 2"

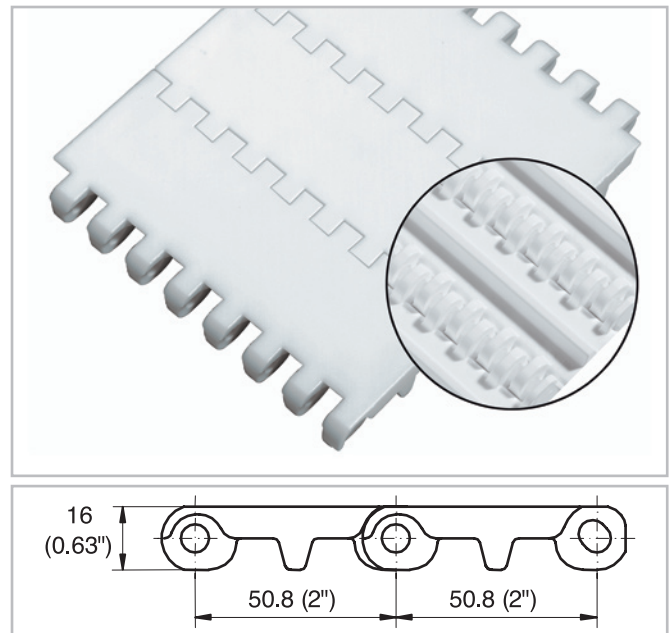


## Description

- 0% open area
- Solid plate
- Open hinge, easy to clean
- Food approved materials available
- Rod diameter 7 mm (0.27")

## Available accessories

- Flights and scoops
- Sideguards
- Hold down devices
- GripTop modules



## Belt data

Belt material		PP		PE	
Rod material		PP	PA	PE	PA
Nominal tensile strength $F'_N$	N/m lb/ft	18000 1233	18000 1233	10000 685	10000 685
Temperature range	°C °F	5 - 105 40 - 220	5 - 105 40 - 220	-70 - 65 -94 - 150	-46 - 65 -50 - 150
Belt weight $m_B$	kg/m² lb/sqft	9.0 1.85	9.0 1.85	9.4 1.93	9.4 1.93

Belt material		POM		POM +IM	
Rod material		PE	PA	PE	PA
Nominal tensile strength $F'_N$	N/m lb/ft	18000 1233	30000 2055	18000 1233	30000 2055
Temperature range	°C °F	-40 - 65 -40 - 150	-40 - 93 -40 - 200	-40 - 65 -40 - 150	-40 - 93 -40 - 200
Belt weight $m_B$	kg/m² lb/sqft	13.5 2.77	13.5 2.77	13.5 2.77	13.5 2.77

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
90	3.5	100	4	150	6	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.)	75	150	225	300	375	450	525	600	675	750	825	900	975	1050	etc.
inch (nom.)	3	6	9	12	15	18	21	24	27	30	33	36	39	42	etc.

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

**Standard belt widths** in increments of 18.75 mm (0.74"). Smallest possible width 37.5 mm (1.48"). Non-brick-layed belts 37.5 mm (1.48"), 56.25 mm (2.21"), 75 mm (3"), 150 mm (6"), 225 mm (9") and 600 mm (24") wide.

Product Data Sheet (Released) 07.10.2010

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**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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