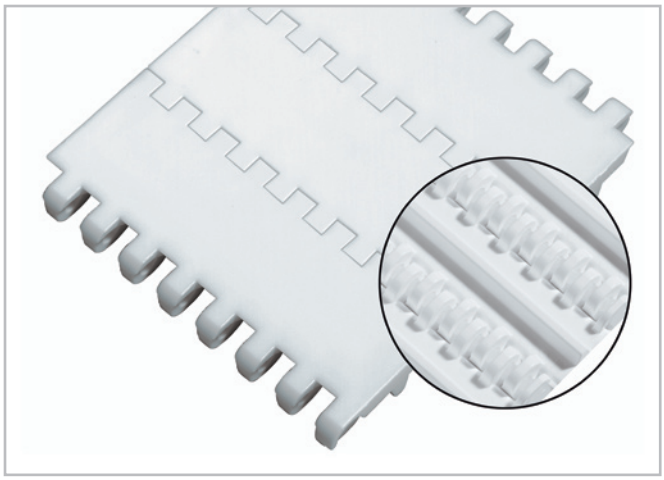
HabasitLINK® Straight 2" Pitch Belting
M5010 Flat Top 2"

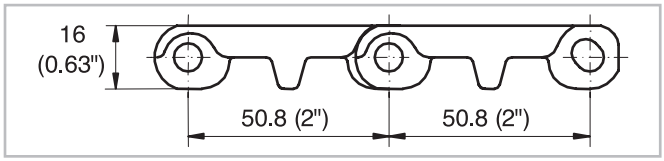
Description

- 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 straight run	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 straight run	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-bricklayed 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.

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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.