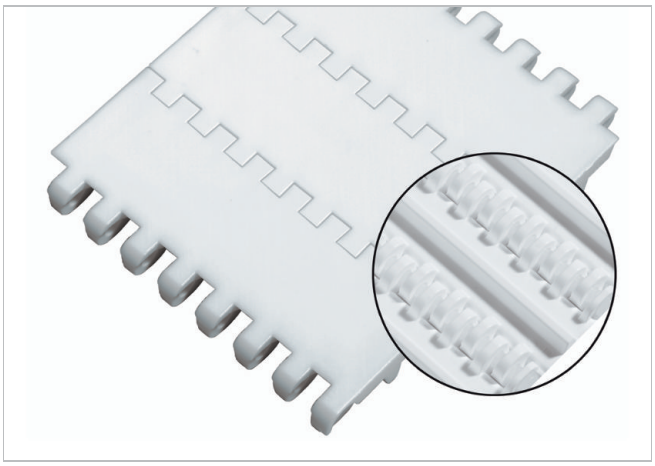
HabasitLINK®
M5010 Flat Top 2"

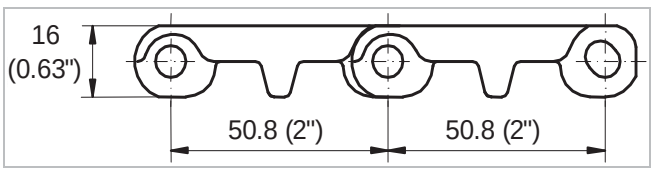
Description

- 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
- Side guards
- Hold-down devices
- GripTop modules
- Saniclip





Belt data

Belt material		PE		POM		PP	
Rod material		PA	PE	PA	PE	PP	PA
Nominal tensile strength F'_N straight run	N/m *lb/ft*	10000 *685*	10000 *685*	30000 *2055*	18000 *1233*	18000 *1233*	18000 *1233*
Temperature range	°C *°F*	-46 - 65 *-50 - 150*	-70 - 65 *-94 - 150*	-40 - 93 *-40 - 200*	-40 - 65 *-40 - 150*	5 - 105 *40 - 220*	5 - 105 *40 - 220*
Belt weight m_B	kg/m² *lb/sqft*	9.4 *1.93*	9.4 *1.93*	13.5 *2.77*	13.5 *2.77*	9 *1.85*	9 *1.85*

Belt material		POM+JM		PP
Rod material		PA	PE	POM
Nominal tensile strength F'_N straight run	N/m *lb/ft*	30000 *2055*	18000 *1233*	18000 *1233*
Temperature range	°C *°F*	-40 - 93 *-40 - 200*	-40 - 65 *-40 - 150*	5 - 105 *40 - 220*
Belt weight m_B	kg/m² *lb/sqft*	13.5 *2.77*	13.5 *2.77*	9 *1.85*

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 side guards or hold down devices (minimum)		Backbending radius for elevators with side guards or hold down devices (minimum)	
mm	*inch*	mm	*inch*	mm	*inch*	mm	*inch*	mm	*inch*
90	*3.50*	100	*4.00*	150	*6*	150	*6*	250	*10*

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

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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.
For PE material up to 750 mm *(30")* -3 mm to 0 mm and -0.4% to 0% for wider belts.
For PP material up to 750 mm *(30")* -3 mm to 0 mm and -0.3% to 0.1% for wider belts.
For POM material up to 750 mm *(30")* -3 mm to 0 mm and -0.4% to 0% for wider belts.

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.

For detailed material properties refer to the HabasitLINK® Engineering Guidelines.

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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