

HabasitLINK® M5060 Flat Top 2"

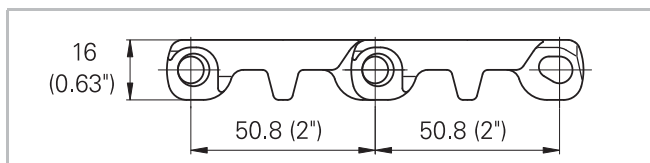
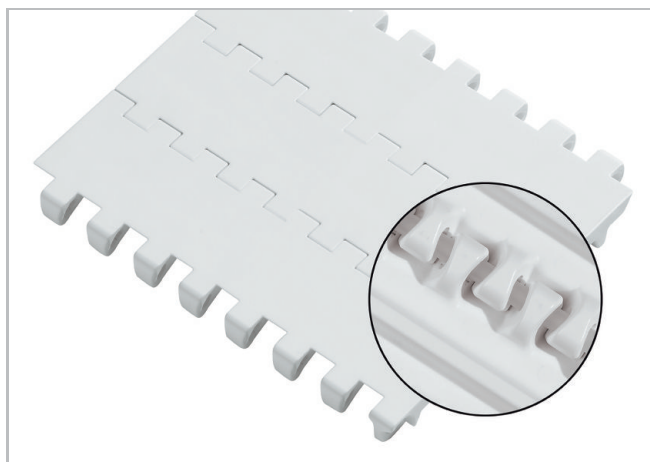


Description

- 0% open area
- Solid plate
- Imperial belt width
- Dynamic open hinge, easy to clean
- Strong link design (1" link-pitch)
- Rod diameter 7 mm (0.27")
- Smart Fit rod retention
- Food approved materials available

Available accessories

- Flights
- Top round bar flight
- Side guards
- Hold-down devices



Belt data

Belt material		PE		POM+IM	
Rod material		PA	PE	PA	PE
Nominal tensile strength F'_N straight run	N/m	10000	8000	30000	14000
	lb/ft	685	548	2055	959
Temperature range	°C	-46 - 65	-70 - 65	-40 - 93	-40 - 65
	°F	-50 - 150	-94 - 150	-40 - 200	-40 - 150
Belt weight m_B	kg/m ²	9.1	9.1	13.1	13.1
	lb/sqft	1.86	1.86	2.68	2.68

Belt material		POM		PP	
Rod material		PA	PE	PA	PP
Nominal tensile strength F'_N straight run	N/m	30000	14000	22000	18000
	lb/ft	2055	959	1507	1233
Temperature range	°C	-40 - 93	-40 - 65	5 - 105	5 - 105
	°F	-40 - 200	-40 - 150	40 - 220	40 - 220
Belt weight m_B	kg/m ²	13.1	13.1	8.8	8.8
	lb/sqft	2.68	2.68	1.80	1.80

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	4	100	4	150	6	150	6	250.0	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.)	101	152	203	254	304	356	406	457	508	559	609	660	711	etc.
inch (nom.)	4.0	6.0	8.0	10.0	12.0	14.0	16.0	18.0	20.0	22.0	24.0	26.0	28.0	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 -0.2% to 0.2% for wider belts.

For POM material up to 750 mm (30") -3 mm to 0 mm and -0.7% to -0.1% for wider belts.

Standard belt widths in increments 4.0" (101 mm). Non-standard widths are offered in increments of 1.0" (25.4 mm) Smallest possible width 4.0" (101 mm).

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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