

HabasitLINK®

M5011 Perforated Flat Top 2"

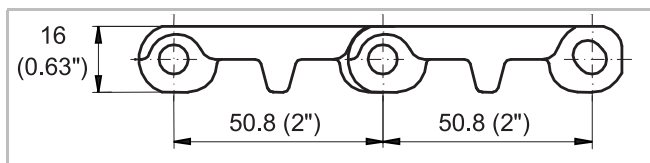
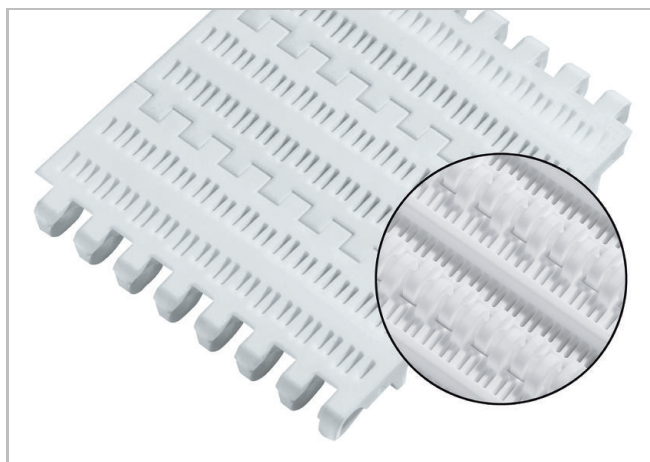


Description

- 18% open area; largest opening 2x10 mm (0.08"x0.4")
- 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



Belt data

Belt material		PP		PE	
Rod material		PP	PA	PE	PA
Nominal tensile strength F'_N straight run	N/m	18000	18000	10000	10000
	lb/ft	1233	1233	685	685
Temperature range	°C	5 - 105	5 - 105	-70 - 65	-46 - 65
	°F	40 - 220	40 - 220	-94 - 150	-50 - 150
Belt weight m_B	kg/m ²	7.8	7.8	8.3	8.3
	lb/sqft	1.60	1.60	1.70	1.70

Belt material		POM		POM +IM	
Rod material		PE	PA	PE	PA
Nominal tensile strength F'_N straight run	N/m	18000	30000	18000	30000
	lb/ft	1233	2055	1233	2055
Temperature range	°C	-40 - 65	-40 - 93	-40 - 65	-40 - 93
	°F	-40 - 150	-40 - 200	-40 - 150	-40 - 200
Belt weight m_B	kg/m ²	12.0	12.0	12.0	12.0
	lb/sqft	2.46	2.46	2.46	2.46

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 b₀

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 1 mm and -0.3% to 0.3% for wider belts.

For PP material up to 750 mm (30") -2 mm to 1 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 75 mm (3"). Non-standard widths are offered in increments of 18.75 mm (0.74"). Smallest possible width 112.5 mm (4.42"). Non-bricklaid belts 75 mm (3") and 150 mm (6") 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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