

HabasitLINK® Straight 2" Pitch Belting M5015 Flat Top 2"

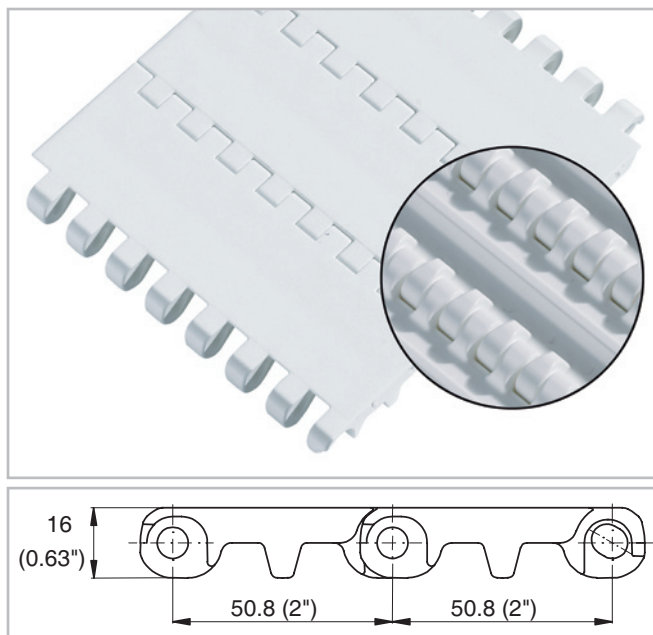


Description

- 0% open area
- Solid plate
- Dynamic hinge gap for easy release of debris and ice
- Strong link design, for ski lift applications as well as for food and material handling
- Rod diameter 7 mm (0.27")
- Food approved materials available

Available accessories

- Center hold down device
- Flights and scoops
- Sideguards
- GripTop modules



Belt data

Belt material		PP			PE	POM	
Rod material		PP	POM	PA	PE	PBT	PA
Nominal tensile strength F'_N straight run	N/m	29000	31000	31000	18000	38000	53000
	lb/ft	1987	2124	2124	1233	2603	3631
Temperature range	°C	5 - 105	5 - 93	5 - 105	-70 - 65	-40 - 93	-40 - 93
	°F	40 - 220	40 - 200	40 - 220	-94 - 150	-40 - 200	-40 - 200
Belt weight m_B	kg/m²	9.9	9.9	9.9	10.4	14.9	14.9
	lb/sqft	2.03	2.03	2.03	2.13	3.05	3.05

Belt material		POM +UV	
Rod material		PA	PBT
Nominal tensile strength F'_N straight run	N/m	42400	30400
	lb/ft	2904	2082
Temperature range	°C	-40 - 93	-40 - 93
	°F	-40 - 200	-40 - 200
Belt weight m_B	kg/m²	14.9	14.9
	lb/sqft	3.05	3.05

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 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	etc.
Zoll (nom.)	3	6	9	12	15	18	21	24	27	30	33	36	39	etc.

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

Standard belt widths in increments of 75 mm (3"). Non-standard widths are offered in increments of 18.75 mm (0.74"). Non-bricklaid belts 75 mm (3") and 150 mm (6").

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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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