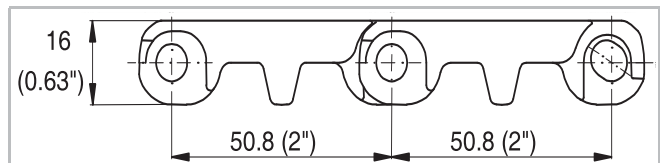
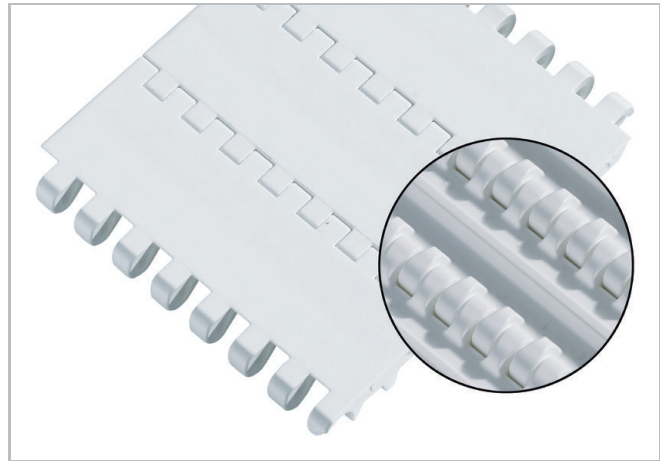


## Description

- 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

- Hold-down devices
- Flights and scoops
- Side guards
- GripTop modules



## Belt data

Belt material		PP			PE
Rod material		PP	POM	PA	PE
Nominal tensile strength $F'_N$ straight run	N/m	29000	31000	31000	18000
	lb/ft	1987	2124	2124	1233
Temperature range	°C	5 - 105	5 - 93	5 - 105	-70 - 65
	°F	40 - 220	40 - 200	40 - 220	-94 - 150
Belt weight $m_B$	kg/m <sup>2</sup>	9.9	9.9	9.9	10.4
	lb/sqft	2.03	2.03	2.03	2.13

Belt material		POM		POM +UV	
Rod material		PBT	PA	PBT	
Nominal tensile strength $F'_N$ straight run	N/m	38000	53000	42400	30400
	lb/ft	2603	3631	2904	2082
Temperature range	°C	-40 - 93	-40 - 93	-40 - 93	-40 - 93
	°F	-40 - 200	-40 - 200	-40 - 200	-40 - 200
Belt weight $m_B$	kg/m <sup>2</sup>	14.9	14.9	14.9	14.9
	lb/sqft	3.05	3.05	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 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.)	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.

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

# HabasitLINK®

## M5015 Flat Top 2"



**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").

**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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