

# HabasitLINK® Straight 2" Pitch Belting M5015 GripTop 2"

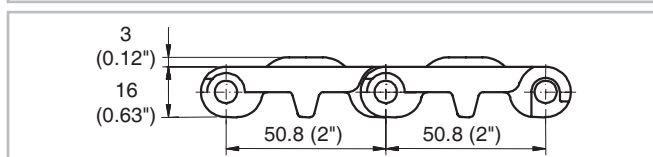
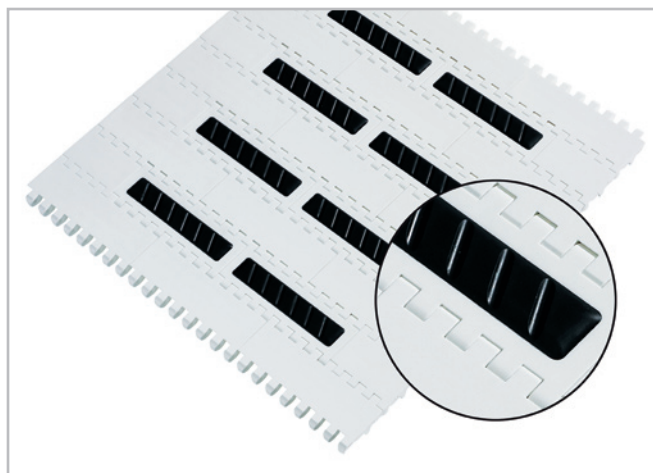


## Description

- 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 material handling
- Food approved materials available
- Rod diameter 7 mm (0.27")

## Available accessories

- Center hold down device
- Sideguards



## Belt data

Belt material		PP			POM	
GripTop material		TPE				
Rod material		PP	POM	PA	PBT	PA
Nominal tensile strength F <sub>N</sub> straight run	N/m lb/ft	29000 1987	31000 2124	31000 2124	38000 2603	53000 3631
Temperature range	°C	5 - 60	5 - 60	5 - 60	-40 - 60	-40 - 60
	°F	40 - 140	40 - 140	40 - 140	-40 - 140	-40 - 140
Belt weight m <sub>B</sub>	kg/m²	9.9	9.9	9.9	14.9	14.9
	lb/sqft	2.03	2.03	2.03	3.05	3.05

Belt material		POM +UV			
GripTop material		TPU +UV			
Rod material		PBT		PA	
Nominal tensile strength $F'_N$	N/m lb/ft	30400 2082		42400 2904	
Temperature range	°C	-30 - 50		-30 - 50	
	°F	-22 - 120		-22 - 120	
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 sideguards 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.)	300	375	450	525	600	675	750	825	900	975	1050	1125	1200	etc.
inch (nom.)	12	15	18	21	24	27	30	33	36	39	42	45	48	etc.

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

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**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 225 mm (9"). Non-bricklaid belts without indent 150 mm (6") wide.

**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.

#### **Product liability, application considerations**

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