

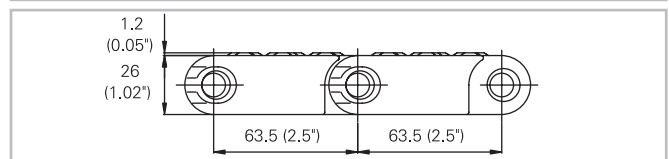
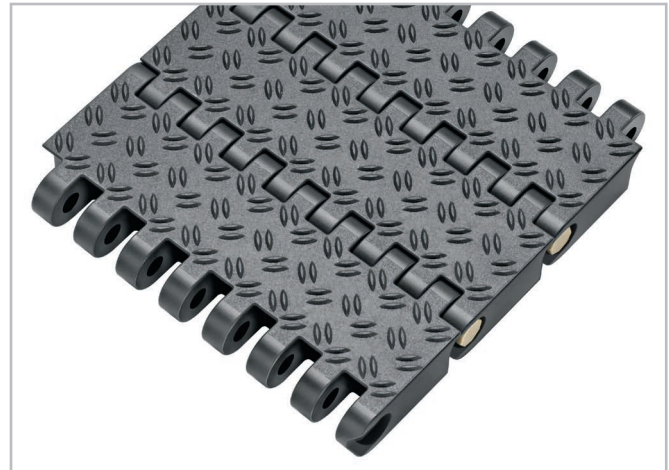
# HabasitLINK®

## M6423 Non Slip 2.5"



### Description

- Heavy duty belt extremely strong and stiff
- 0% open area
- Closed hinge
- Rod diameter 10 mm (0.39")
- Smart Fit rod retention
- Non Slip profile for people mover applications
- Standard belt material is antistatic
- Electro conductive and flame retardant materials available
- Steel rods available
- Lug teeth solid sprockets



### Belt data

Belt material		PP +AS		POM +AS	
Rod material		PA	Stainless Steel	PA	Stainless Steel
Nominal tensile strength $F'_N$ straight run	N/m	60000	60000	100000	100000
	lb/ft	4110	4110	6854	6854
Temperature range	°C	5 - 105	5 - 105	-40 - 93	-40 - 93
	°F	40 - 220	40 - 220	-40 - 200	-40 - 200
Belt weight $m_B$	kg/m <sup>2</sup>	17.9	25.9	27.6	35.6
	lb/sqft	3.67	5.31	5.66	7.30

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)	
mm	inch	mm	inch	mm	inch	mm	inch
100	4	100	4	200	8	200	8

### Standard range of belt widths $b_0$

mm (nom.)	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	etc.
inch (nom.)	3.9	7.9	11.8	15.7	19.7	23.6	27.6	31.5	35.4	39.4	43.3	47.2	51.2	etc.

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

**Standard belt widths** in increments of 100 mm (3.9"). Non-standard widths are offered in increments of 50 mm (2"). Non-bricklaid belts 100 mm (3.9") and 200 mm (7.9").

**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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