

HabasitLINK® Straight 1" Pitch Belting M2520 GripTop 1"



Description

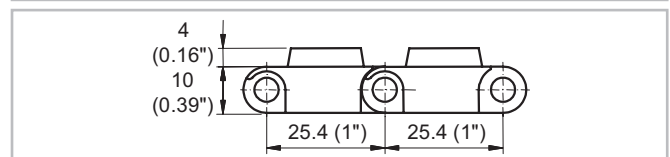
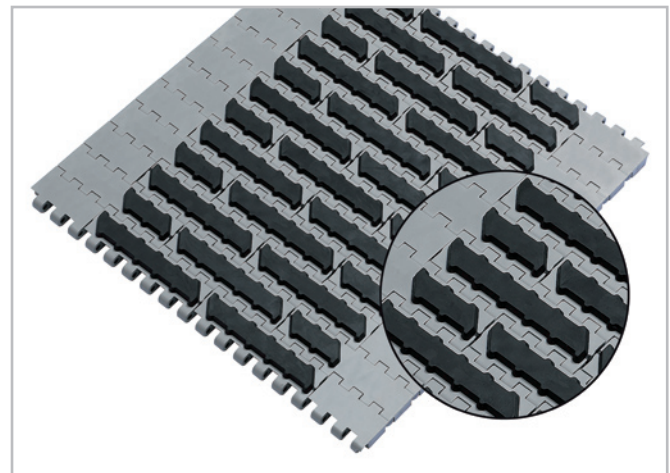
- 0% open area
- Food approved materials available
- Abrasion resistant GripTop, high friction
- Rubber hardness: 50 shore A
- Rod diameter 5 mm (0.2")
- "Open window" sprockets

Proposed pattern

- Indent 50 mm (2")
- Fully covered by GripTop or in rows of any distance in multiples of 25.4 mm (1")

Available accessories

- Flights
- Hold down devices



Belt data

Belt material		PP		POM		PBT +FR
GripTop material		TPE				
Rod material		PP	POM	PP	PA	
Nominal tensile strength F' _N straight run	N/m	14000	18000	18000	26000	16000
	lb/ft	959	1233	1233	1781	1027
Temperature range	°C	5 - 60	5 - 60	5 - 60	-40 - 60	-40 - 60
	°F	40 - 140	40 - 140	40 - 140	-40 - 140	-40 - 266
Belt weight m _B	kg/m²	8.7	8.7	11.4	11.4	14.2
	lb/sqft	1.74	1.74	2.34	2.34	2.9

The PBT +FR belt fulfills UL 94 V0 and ISO 340.

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
40	1.6	50	2	100	4	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.)	150	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	etc.
inch (nom.)	6	8	12	16	20	24	28	32	36	40	43	47	51	55	59	etc.

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

Standard belt widths in increments of 50 mm (2"). Non-standard widths are offered in increments of 16.66 mm (0.66"). Min. width: 200 mm (8")

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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