

HabasitLINK® M2520 GripTop 1"



Description

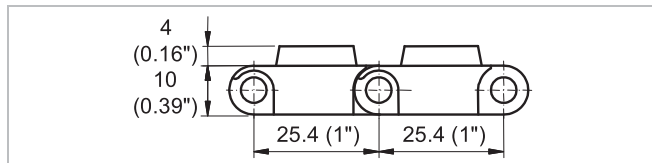
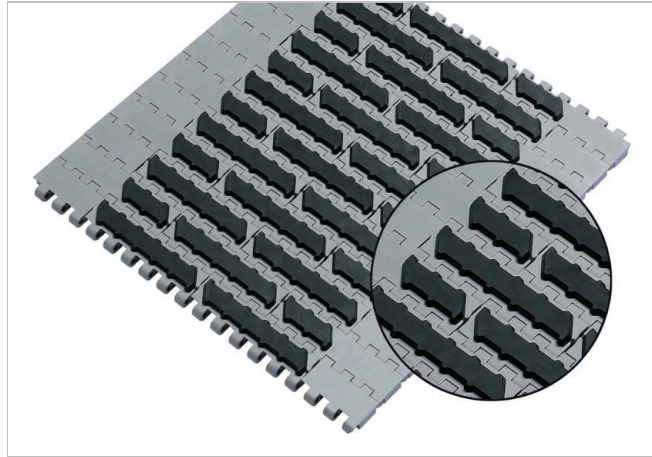
- 0% open area
- Food approved materials available
- Abrasion resistant GripTop, high friction
- Rod diameter 5 mm (0.2")
- "Open window" sprockets

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		POM			PP	
GripTop material		TPE			TPE+HT	
Rod material		PA	PP	POM	PP	
Nominal tensile strength F'_N straight run	N/m	26000	18000	18000	14000	14000
	lb/ft	1781	1233	1233	959	959
Temperature range	°C	-40 - 80	5 - 80	5 - 93	5 - 100	5 - 130
	°F	-40 - 176	40 - 176	40 - 200	40 - 212	40 - 266
Temperature maximum (short-term)	°C					150
	°F					302
Belt weight m_b	kg/m ²	11.4	11.4	8.7	8.7	8.7
	lb/sqft	2.34	2.34	1.74	1.74	1.74

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
50	2.00	50	2.00	100	4	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.)	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.

For PP material up to 750 mm (30") -1 mm to 2 mm and 0% to 0.45% for wider belts.

For POM material up to 750 mm (30") -2 mm to -1 mm and -0.25% to 0.25% for wider belts.

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.

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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