

HabasitLINK[®]

M2520 GripTop 1"



Your Source For Habasit
Belting And Chain

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Description

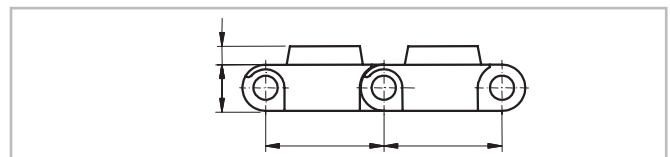
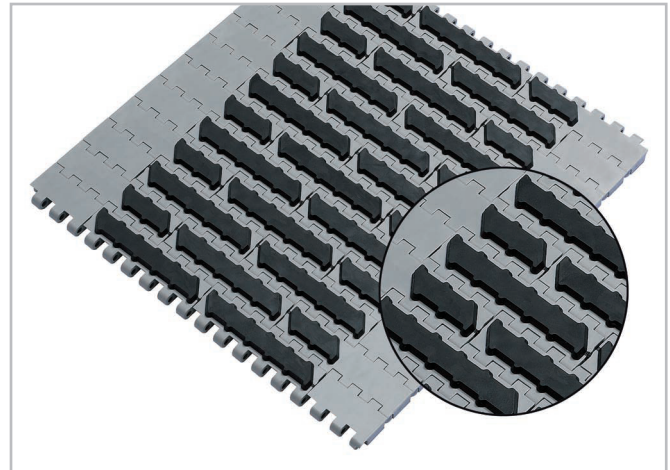
- 0% open area
- Food approved materials available
- Abrasion resistant GripTop, high friction
- Rubber hardness: 50 shore A
- Rod diameter 5 mm (0.2")
- "Open window" sprockets

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/m ²	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 b₀

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.