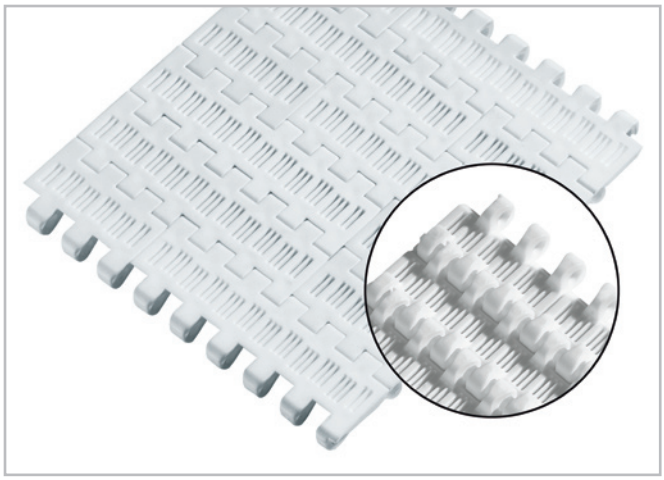
HabasitLINK® Straight 1" Pitch Belting
M2511 Mesh Top 1"

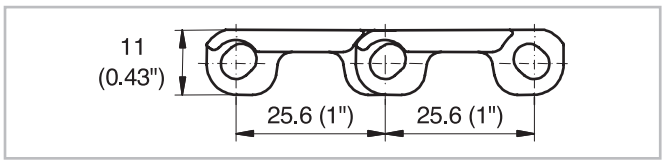
Description

- 16% open area; largest opening 1.2x10 mm (0.05"x0.4")
- Dynamic open hinge, easy to clean
- Food approved materials available
- Rod diameter 5 mm (0.2")
- "Open window" sprockets

Available accessories

- Flights and Scoops
- Sideguards
- Hold down devices





Belt data

Belt material		PP	PE	POM	
Rod material		PP	PE	PP	PA
Nominal tensile strength F'_N straight run	N/m *lb/ft*	11000 *753*	7000 *479*	15000 *1027*	18000 *1233*
Temperature range	°C *°F*	5 - 105 40 - *220*	-70 - 65 -94 - *150*	5 - 93 40 - *200*	-40 - 93 -40 - *200*
Belt weight m_B	kg/m² *lb/sqft*	4.5 *0.92*	4.7 *0.96*	6.5 *1.33*	6.5 *1.33*

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*
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.)	50	100	150	200	250	300	350	400	450	500	550	600	650	700	etc.
inch (nom.)	*2*	*4*	*6*	*8*	*10*	*12*	*14*	*16*	*18*	*20*	*22*	*24*	*26*	*28*	*etc.*

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

Standard belt widths in increments of 50 mm (2"). Non-standard widths are offered in increments of 16.66 mm (0.66"). Smallest possible width 83.4 mm (3.25"). Non-bricklayed belts 50 mm (2") and 100 mm (4") 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.

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