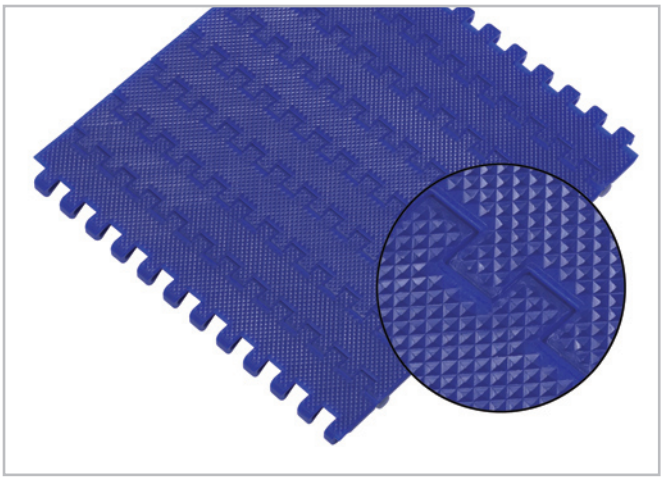
HabasitLINK® Straight 1" Pitch Belting
M2516 Diamond Top 1"

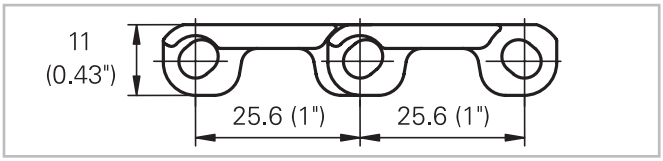
Description

- 0% open area
- Non-adhesive due to reduced contact surface
- Dynamic open hinge, easy to clean
- Rod diameter 5 mm (0.2")
- "Open window" sprockets
- Food approved materials available
- Optional staggered indent 50/100mm (2"/4")

Available accessories

- Sidegards
- Flights and Scoops
- Hold down devices





Belt data

Belt material		PP	PE	POM	
Rod material		PP	PE		PA
Nominal tensile strength F'_N straight run	N/m *lb/ft*	14000 *959*	8000 *548*	8000 *548*	21900 *1500*
Temperature range	°C *°F*	5 - 105 40 - *220*	-70 - 65 -94 - *150*	-40 - 65 -40 - *150*	-40 - 93 -40 - *200*
Belt weight m_B	kg/m² *lb/sqft*	4.9 *1.01*	5.2 *1.06*	7.5 *1.53*	7.5 *1.53*

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 200 mm (8") 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.

HabasitLINK® Straight 1" Pitch Belting
M2516 Diamond Top 1"

Product liability, application considerations
If the proper selection and application of Habasit products are not recommended by an authorized Habasit sales specialist, the selection and application of Habasit products, including the related area of product safety, are the responsibility of the customer.
All indications / information are recommendations and believed to be reliable, but no representations, guarantees, or warranties of any kind are made as to their accuracy or suitability for particular applications. The data provided herein are based on laboratory work with small-scale test equipment, running at standard conditions, and do not necessarily match product performance in industrial use. New knowledge and experiences can lead to modifications and changes within a short time without prior notice.
BECAUSE CONDITIONS OF USE ARE OUTSIDE OF HABASIT'S AND ITS AFFILIATED COMPANIES CONTROL, WE CANNOT ASSUME ANY LIABILITY CONCERNING THE SUITABILITY AND PROCESS ABILITY OF THE PRODUCTS MENTIONED HEREIN. THIS ALSO APPLIES TO PROCESS RESULTS / OUTPUT / MANUFACTURING GOODS AS WELL AS TO POSSIBLE DEFECTS, DAMAGES, CONSEQUENTIAL DAMAGES, AND FURTHER-REACHING CONSEQUENCES.