

HabasitLINK® Straight 1" Pitch Belting M2620 Flat Top Heavy Duty 1"

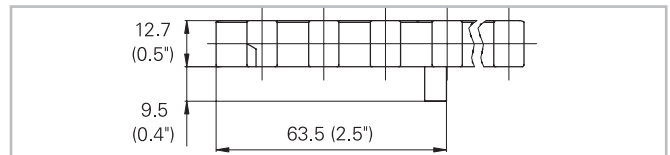
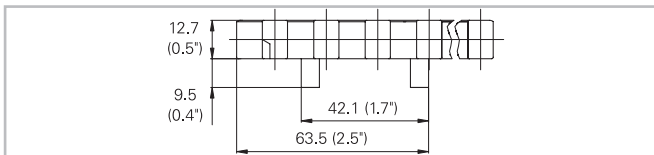
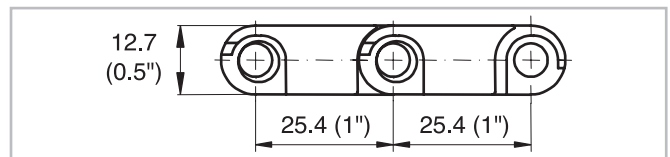
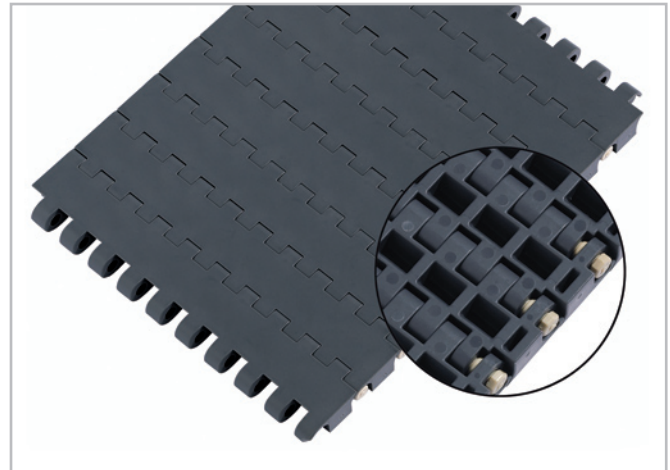


Description

- Heavy duty belt
- 12.7 mm (0.5") thick
- High strength and stiffness
- 0% open area
- Closed hinge
- Rod diameter 6 mm (0.22")
- Smart Fit rod retention
- Double row solid and split sprockets

Available accessories

- Tab modules with 1 or 2 tabs
- Code: -T1 single tab / -T2 double tab



Belt data

Belt material		PP		POM		PA	PBT +FR
Rod material		PP	PA	PBT	PA	PA	PA
Nominal tensile strength F'_N straight run	N/m lb/ft	24000 1644	26500 1815	45000 3083	35000 2397	45000 3083	23000 1575
Temperature range	°C °F	5 - 105 40 - 220	5 - 105 40 - 220	-40 - 93 -40 - 200	-40 - 93 -40 - 200	-46 - 130 -50 - 266	-40 - 130 -40 - 266
Temperature maximum (short-term)	°C °F					160 320	150 302
Belt weight m_B	kg/m ² lb/sqft	9.1 1.87	9.1 1.87	14.0 2.88	14.0 2.88	11.7 2.40	14.5 2.98

PA belt fulfills UL 94 V2 and ISO 340.

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 sideguards or hold down devices (minimum)	
mm	inch	mm	inch	mm	inch	mm	inch
40	1.6	50	2	100	4	150	6

Standard range of belt widths b_0

mm (nom.)	85	170	255	340	425	510	595	680	765	850	935	1020	1105	etc.
inch (nom.)	3.35	6.69	10.04	13.39	16.73	20.08	23.43	26.77	30.12	33.46	36.81	40.16	43.50	etc.

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

Standard belt widths in increments of 85 mm (3.35"). Non-standard widths are offered in increments of 17 mm (0.67"). Smallest possible width 85 mm (3.35").

HabasitLINK® Straight 1" Pitch Belting M2620 Flat Top Heavy Duty 1"



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.

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.