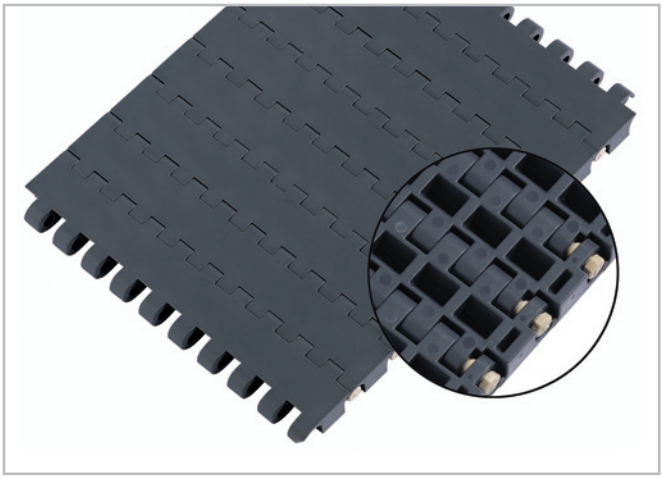
HabasitLINK® Straight 1" Pitch Belting
M2620 Flat Top Heavy Duty 1"

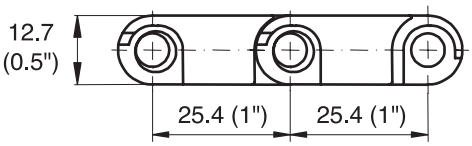
Description

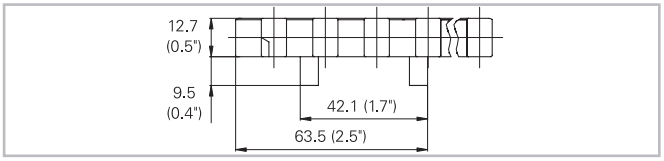
- Heavy duty belt
- 12.7 mm (0.5") thick
- High strength and stiffness
- 0% open area
- Closed hinge
- Rod diameter 6 mm (0.22")
- Smart Fit rod retention
- Double row solid and split sprockets

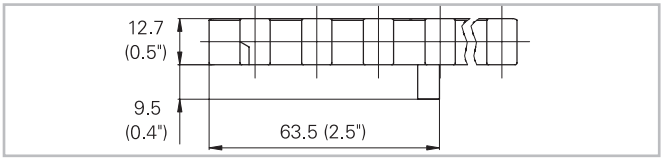
Available accessories

- 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	
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/m² *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").

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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.