

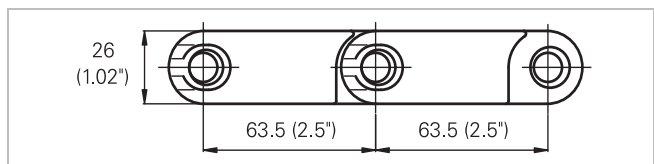
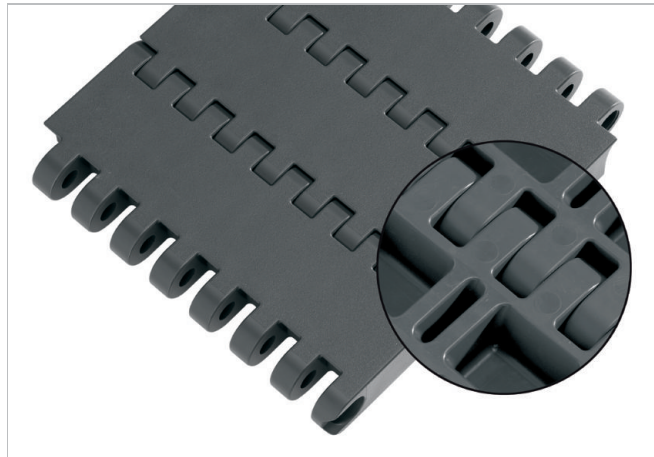
HabasitLINK®

M6420 Flat Top Heavy Duty 2.5"



Description

- Heavy duty belt
- 26 mm (1") thick
- Extremely strong and stiff
- 0% open area
- Closed hinge
- Rod diameter 10 mm (0.39")
- Smart Fit rod retention
- Rough surface
- Antistatic materials available
- Lug teeth solid sprockets



Belt data

Belt material		POM+AS		POM		PP+AS	PP
Rod material		PA	Steel	PA	Steel	PA	
Nominal tensile strength F'_N straight run	N/m	100000	100000	100000	100000	60000	60000
	lb/ft	6854	6854	6854	6854	4110	4110
Temperature range	°C	-40 - 93	-40 - 93	-40 - 93	-40 - 93	5 - 105	5 - 105
	°F	-40 - 200	-40 - 200	-40 - 200	-40 - 200	40 - 220	40 - 220
Belt weight m_b	kg/m ²	26.8	34.8	26.8	34.8	17.9	17.9
	lb/sqft	5.49	7.14	5.49	7.14	3.68	3.68

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)	
mm	inch	mm	inch	mm	inch	mm	inch
100	4.00	100	4.00	200	8	200	8

Standard range of belt widths b_o

mm (nom.)	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	etc.
inch (nom.)	3.9	7.9	11.8	15.7	19.7	23.6	27.6	31.5	35.4	39.4	43.3	47.2	51.2	etc.

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

For POM material up to 750 mm (30") -3 mm to 0 mm and -0.4% to 0% for wider belts.

Standard belt widths in increments of 100 mm (3.9"). Non-standard widths are offered in increments of 50 mm (2"). Non-bricklaid belts 100 mm (3.9") and 200 mm (7.9").

For detailed material properties refer to the HabasitLINK® Engineering Guidelines.

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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