

HabasitLINK® Straight 1/2" Pitch Belting M1234 Nub Top Flush Grid 0.5"

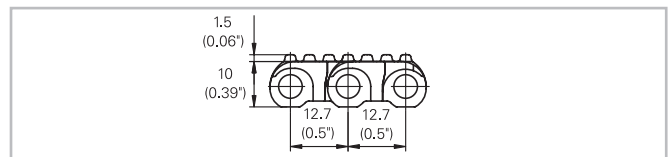
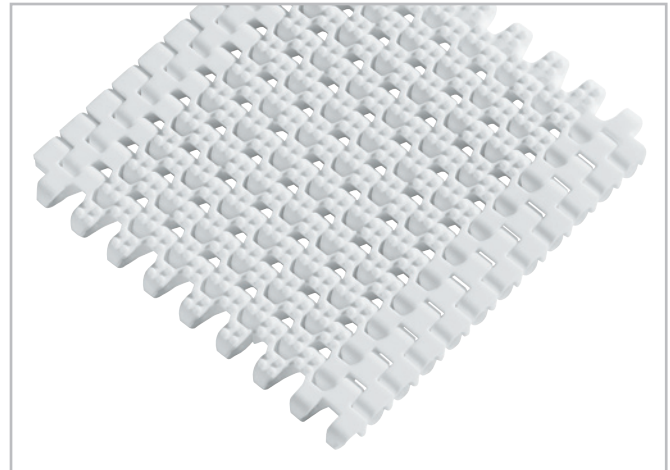


Description

- "Nosebar transfer" recommended diameter 18mm (0.71"); 16mm (0.63") possible
- 18 % open area; largest opening 2.55 x6 mm (0.1"x0.25")
- Open hinge
- Indent (nub-free edge) 25mm (1")
- Food approved materials available
- Rod diameter 5 mm (0.2")
- "Open window" sprockets

Available accessories

- Flights



Belt data

Belt material		PP	PE	POM	
Rod material		PP	PE	PP	PA
Nominal tensile strength F'_N straight run	N/m	11000	7000	16000	18000
	lb/ft	753	480	1096	1233
Temperature range	°C	5 - 105	-70 - 65	5 - 93	-40 - 93
	°F	40 - 220	-94 - 150	40 - 200	-40 - 200
Belt weight m_B	kg/m ²	5.6	5.9	8.2	8.2
	lb/sqft	1.15	1.21	1.68	1.68

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 sideguards or hold down devices (minimum)	
mm	inch	mm	inch	mm	inch	mm	inch
18	0.7	50	2	75	3	150	6

Standard range of belt widths b_0

mm (nom.)	150	200	250	300	350	400	450	500	550	600	650	700	750	800	etc.
inch (nom.)	6	8	10	12	14	16	18	20	22	24	26	28	30	32	etc.

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

Real belt widths for PP are 0.1% to 0.3% wider.

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 150 mm (6").

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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