

# HabasitLINK®

## M1234 Nub Top Flush Grid 0.5"

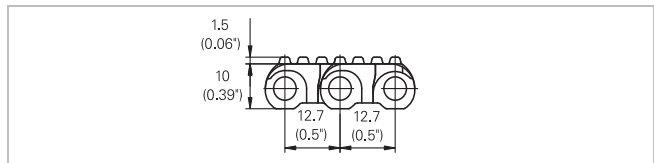
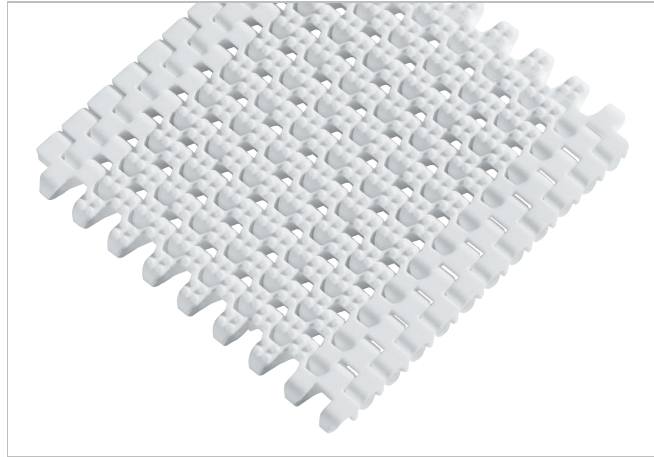


### Description

- "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
- Saniclip



### Belt data

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

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
18	0.70	50	2.00	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.

For PE material up to 750 mm (30") -3 mm to 1 mm and -0.35% to 0.1% for wider belts.

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

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 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.

**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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