

# HabasitLINK® M1233 Flush Grid 0.5"

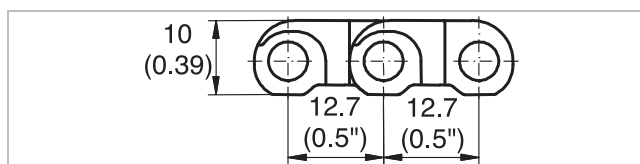
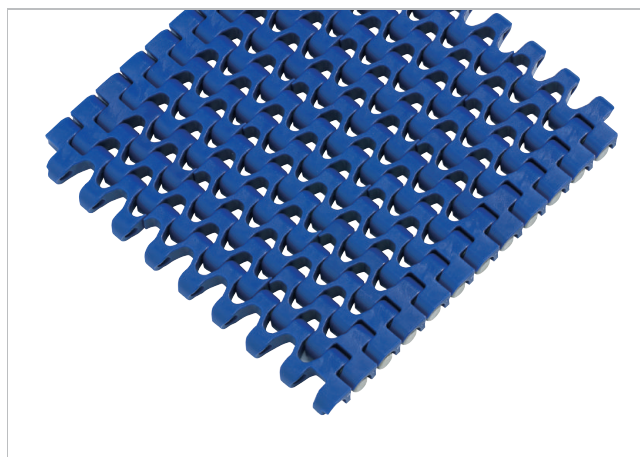


## Description

- "Nosebar transfer", recommended diameter 18 mm (0.71"); 16 mm (0.63") possible
- 25% open area; 70% open contact area; largest opening 5x6 mm (0.2"x0.25")
- Food approved materials available
- Open hinge
- Superior cleanability
- Rod diameter 5 mm (0.2")
- "Open window" sprockets

## Available accessories

- Flights
- GripTop modules
- Saniclip



## Belt data

Belt material		PA	PE	POM			PP
Rod material		PA	PE	PA	PE	PP	
Nominal tensile strength $F'_N$ straight run	N/m	17000	7000	18000	8000	16000	11000
	lb/ft	1165	480	1233	548	1096	750
Temperature range	°C	-46 - 130	-70 - 65	-40 - 93	-40 - 65	5 - 93	5 - 105
	°F	-50 - 266	-94 - 150	-40 - 200	-40 - 150	40 - 200	40 - 220
Temperature maximum (short-term)	°C	160					
	°F	320					
Belt weight $m_b$	kg/m <sup>2</sup>	6.7	5.4	7.2	7.2	7.2	5.2
	lb/sqft	1.37	1.11	1.48	1.48	1.48	1.07

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)		Backbending radius for elevators with side guards or hold down devices (minimum)	
mm	inch	mm	inch	mm	inch	mm	inch	mm	inch
18	0.70	50	2.00	75	3	150	6	250.0	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") -2 mm to 1 mm and -0.3% to 0.1% for wider belts.

For PP material up to 750 mm (30") -3 mm to 0 mm and -0.5% 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 83.4 mm (3.25").

**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.

# HabasitLINK®

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