

Product Data Series M1200

M1233 Flush Grid 0.5"



Main Industry Segments

Food industry: Meat, Poultry, Fish processing, Bakery, Fruit and Vegetables

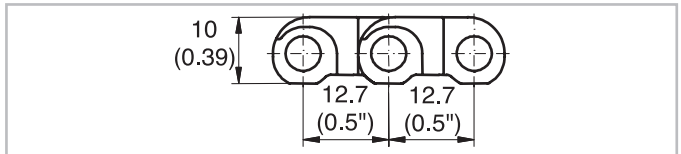
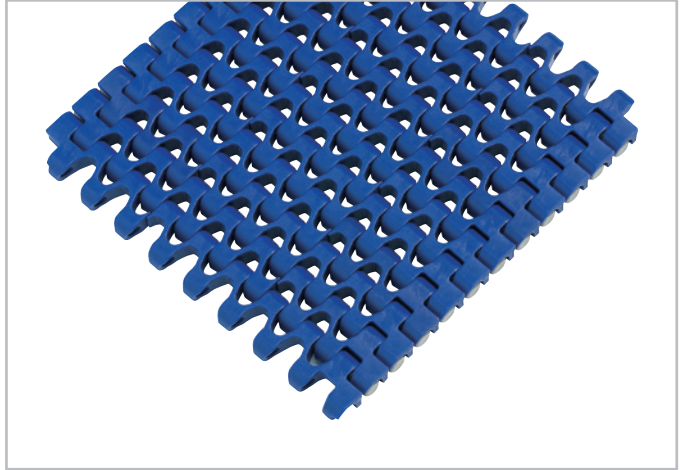
Non-Food industry: -

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
- Open hinge
- Superior cleanability
- Rod diameter 5 mm (0.2")
- "Open window" sprockets

Available accessories

- Flights
- GripTop modules



Belt data

Belt material		PP	PE	POM			PA +US	PA
Rod material		PP	PE		PP	PA		
Nominal tensile strength	N/m	11000	7000	8000	16000	18000	17000	17000
F_N straight run	lb/ft	750	480	548	1096	1233	1165	1165
Temperature range	°C	5 - 105	-70 - 65	-40 - 65	5 - 90	-40 - 90	-46 - 116	-46 - 130
	°F	40 - 220	-94 - 150	-40 - 150	40 - 195	-40 - 195	-50 - 240	-50 - 266
Temperature maximum (short-term)	°C						135	160
	°F						275	320
Belt weight m_b	kg/m ²	5.2	5.4	7.2	7.2	7.2	6.7	6.7
	lb/sqft	1.07	1.11	1.48	1.48	1.48	1.37	1.37

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	0.7	50	2	75	3	150	6	250	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.

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 or contact your Habasit representative.

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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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