HabasitLINK®
M1185 Flush Grid 0.5"

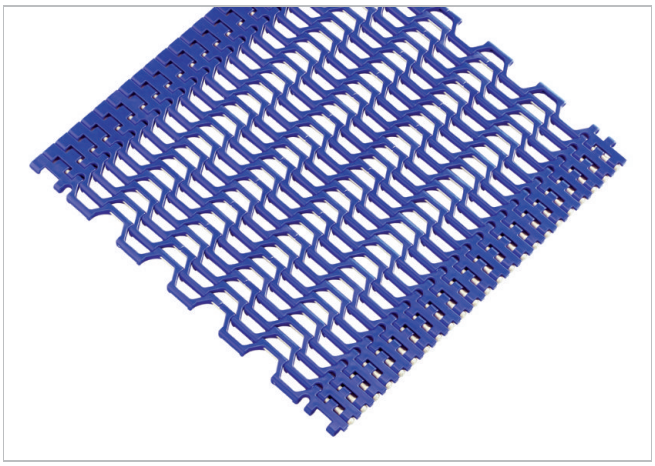
habasit

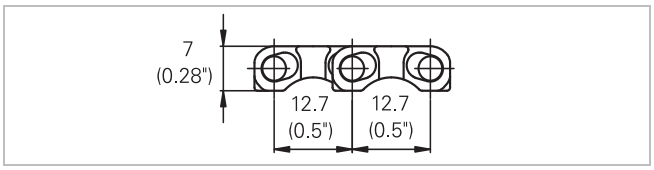
Description

- Imperial belt width
- 47% open area; 84% open contact area; largest opening 8x21 mm *(0.3"x0.83")*
- Open hinge
- Food approved materials available
- Rod diameter 3.6 mm *(0.14")*
- Smart Fit rod retention
- Double row bidirectional sprocket
- Suitable for Ø 12.7 mm (0.5") nosebar

Available accessories

- Saniclip





Belt data

Belt material		PA	POM	
Rod material		PA		PBT
Nominal tensile strength F'_N straight run	N/m *lb/ft*	4400 *301*	4400 *301*	4250 *291*
Temperature range	°C *°F*	-46 - 130 *-50 - 266*	-40 - 93 *-40 - 200*	-40 - 93 *-40 - 200*
Temperature maximum (short-term)	°C *°F*	160 *320*		
Belt weight m_B	kg/m² *lb/sqft*	3.1 *0.64*	3.6 *0.75*	3.6 *0.75*

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*
12	*0.50*	50	*2.00*	75	*3*	150	*6*

Diameter of idling rollers (min.): [2] Minimum diameter for nosebar transfer.

Standard range of belt widths b_0

mm (nom.)	203	254	305	356	406	457	508	559	610	660	711	762	813	864	etc.
inch (nom.)	*8*	*10*	*12*	*14*	*16*	*18*	*20*	*22*	*24*	*26*	*28*	*30*	*32*	*24*	*etc.*

Real belt widths are in most cases 0.1% to 0.3% smaller.
For PP material up to 750 mm *(30")* -3 mm to 0 mm and -0.3% to 0.1% 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 50.8 mm *(2")*. Non-standard widths are offered in increments of 25.4 mm *(1")*. Smallest possible width 177.8 mm *(7")*.
Note: For belts equipped with Saniclip, standard belt widths are possible only.

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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