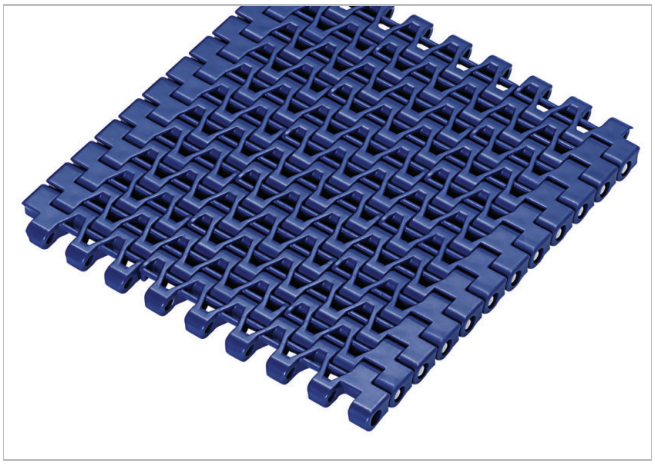
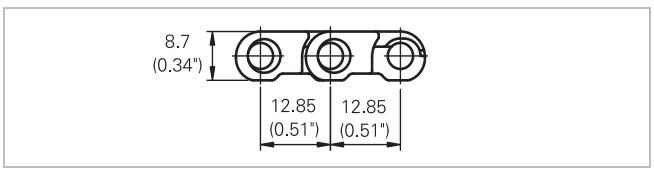
HabasitLINK®
M1280 Flush Grid 0.5"

Description

- Imperial width
- 18% open area
- 83% open contact area
- Open hinge
- Rod diameter 4.5 mm *(0.18")*
- Headless Smart Fit rod retention
- Strong closed edges
- Robust edge design
- Optimized design for smooth sliding transfer
- Compatible to M1200 sprocket series





Belt data

Belt material		PBT+FR		POM+EC		POM+LF		
Rod material		PA	PP	PA	PP	PA	PBT	PP
Nominal tensile strength F'_N straight run	N/m *lb/ft*	13700 *939*	13400 *917*	17400 *1192*	13400 *918*	21400 *1466*	17200 *1178*	13700 *939*
Temperature range	°C *°F*	-40 - 130 *-40 - 266*	5 - 105 *40 - 220*	-40 - 93 *-40 - 200*	5 - 93 *40 - 200*	-40 - 93 *-40 - 200*	-40 - 93 *-40 - 200*	5 - 93 *40 - 200*
Belt weight m_B	kg/m² *lb/sqft*	7.4 *1.52*	7.4 *1.52*	7.1 *1.45*	7.1 *1.45*	7.1 *1.45*	7.1 *1.45*	7.1 *1.45*

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.)	152.4	203.2	254.0	304.8	355.6	406.4	457.2	508.0	558.8	609.6	660.4	711.2	762.0	etc.
inch (nom.)	*6*	*8*	*10*	*12*	*14*	*16*	*18*	*20*	*22*	*24*	*26*	*28*	*30*	*etc.*

Real belt widths are in most cases 0.1% to 0.3% smaller.
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 2.0" (50.8 mm). Non-standard widths are offered in increments of 0.67" (16.9 mm). Smallest possible width 6.0" (152.4 mm).

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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