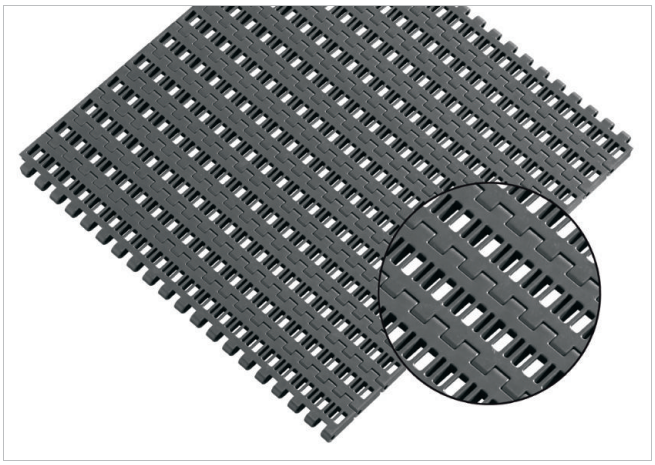
HabasitLINK®
M2480 Flush Grid 1"

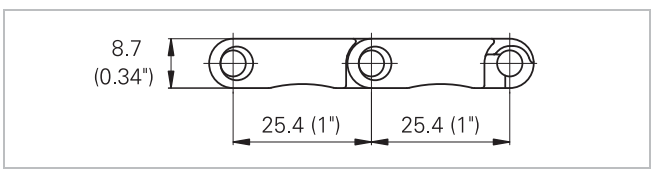
Description

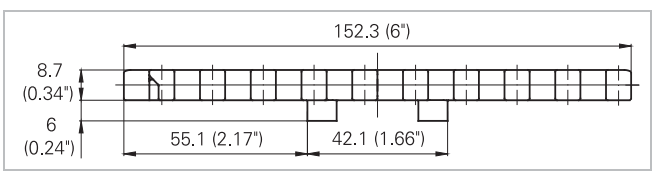
- 25% open area; 51% open contact area; largest opening size: 3.6 x 10.2 mm *(0.14 x 0.40")*
- Closed hinge
- Rod diameter 4.5 mm *(0.18")*
- Headless Smart Fit rod retention
- Beveled edges for smooth side transfer
- Optimized for 50 mm *(2")* idle roller diameter 40 mm *(1.6")* possible
- Lug teeth sprockets

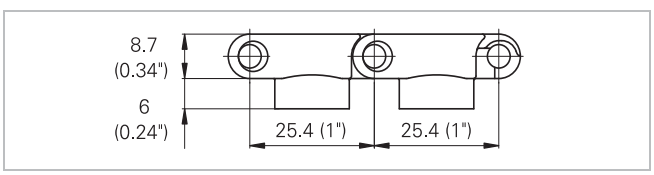
Available accessories

- Tab modules with 2 tabs (Code: -T2)









Belt data

Belt material		POM			PP		
Rod material		PA	PBT	PP	PA	POM	PP
Nominal tensile strength F'_N straight run	N/m *lb/ft*	30000 *2055*	22000 *1507*	19000 *1302*	17000 *1165*	17000 *1165*	17000 *1165*
Temperature range	°C *°F*	-40 - 93 *-40 - 200*	-40 - 93 *-40 - 200*	5 - 93 *40 - 200*	5 - 105 *40 - 220*	5 - 93 *40 - 200*	5 - 105 *40 - 220*
Belt weight m_B	kg/m² *lb/sqft*	7.7 *1.57*	7.7 *1.57*	7.7 *1.57*	4.9 *1.00*	4.9 *1.00*	4.9 *1.00*

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*
50	*2.00*	50	*2.00*	100	*4*	150	*6*

Standard range of belt widths b_0

mm (nom.)	76	152	229	305	381	457	533	610	686	762	838	914	991	etc.
inch (nom.)	*3*	*6*	*9*	*12*	*15*	*18*	*21*	*24*	*27*	*30*	*33*	*36*	*39*	*etc.*

Real belt widths are in most cases 0.1% to 0.3% smaller.

Standard belt widths in increments of 76.2 mm *(3")*. Non-standard widths are offered in increments of 15.24 mm *(0.6")*. Smallest possible width 76.2 mm *(3")*.

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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