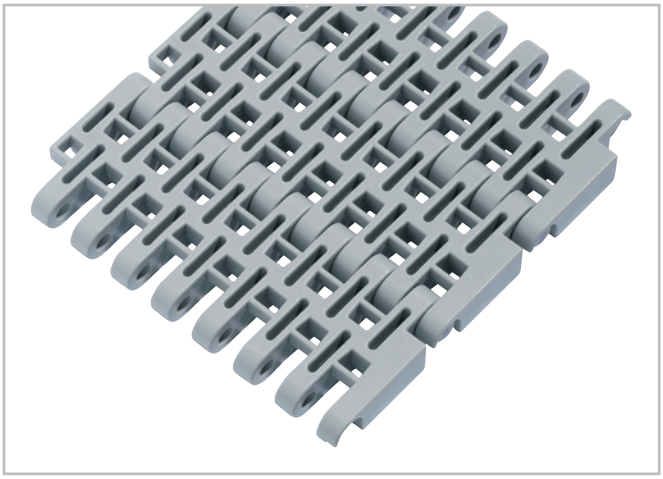
HabasitLINK® Straight 2" Pitch Belting
M5032 Flush Grid Heavy Duty 2"

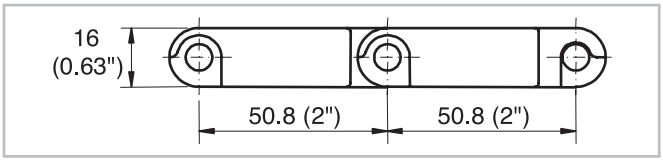
Description

- Strong design
- 34% open area; 60% open contact area; largest opening 6.4x8.5 mm (0.25"x0.33")
- Excellent for flushing and draining
- Closed hinge
- Food approved materials available
- Rod diameter 7 mm (0.27")

Available accessories

- Flights and scoops
- Sideguards
- Hold down devices
- GripTop modules





Belt data

Belt material		PP		PE	POM	
Rod material		PP	POM	PE	PP	PA
Nominal tensile strength F'_N straight run	N/m *lb/ft*	36000 *2466*	38000 *2603*	24000 *1644*	36000 *2466*	55000 *3768*
Temperature range	°C *°F*	5 - 105 40 - *220*	5 - 93 40 - *200*	-70 - 65 -94 - *150*	5 - 93 40 - *200*	-40 - 93 -40 - *200*
Belt weight m_B	kg/m² *lb/sqft*	8.0 *1.64*	8.0 *1.64*	8.3 *1.70*	12.0 *2.46*	12.0 *2.46*

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 sideguards or hold down devices (minimum)		Backbending radius for elevators with sideguards or hold down devices (minimum)	
mm	*inch*	mm	*inch*	mm	*inch*	mm	*inch*	mm	*inch*
90	*3.5*	100	*4*	150	*6*	150	*4*	250	*10*

Use the largest possible backbending radius for elevators with side guards or hold down devices.

Standard range of belt widths b_0

mm (nom.)	225	300	375	450	525	600	675	750	825	900	975	1050	1125	1200	etc.
inch (nom.)	*9*	*12*	*15*	*18*	*21*	*24*	*27*	*30*	*33*	*36*	*39*	*42*	*45*	*48*	*etc.*

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

Standard belt widths in increments of 75 mm (3"). Non-standard widths are offered in increments of 18.75 mm (0.74"). Smallest possible width 112.5 mm (4.42").

For detailed material properties refer to the HabasitLINK® Engineering Guidelines or contact your Habasit representative.

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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