

# HabasitLINK®

## M5131 Raised Rib 2"

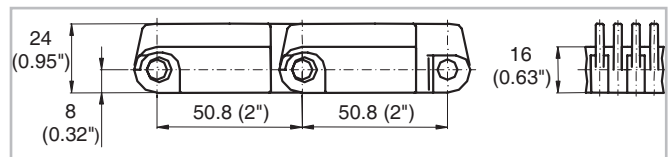
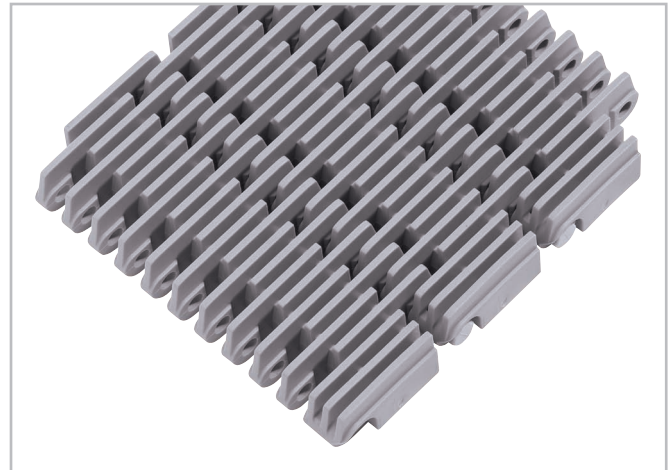


### Description

- Imperial belt width
- 36% open area; 67% open contact area, largest opening 17.5x3.55 mm (0.69"x0.14")
- Easy to clean
- Straight ribs 2.8 mm thick
- Rod diameter 7 mm (0.27")
- Smart fit rod retention
- Strong edges
- Lug teeth sprockets
- Food approved materials available

### Available accessories

- Combs (finger transfer plates) long and short



### Belt data

Belt material		PP +HW	PP +GH
Rod material		PP	
Nominal tensile strength $F'_N$	N/m lb/ft	32000 2192	20000 1370
Temperature range	°C °F	5 - 105 40 - 220	5 - 105 40 - 220
Belt weight $m_B$	kg/m <sup>2</sup> lb/sqft	9.9 2.03	13.6 2.79

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)	
mm	inch	mm	inch	mm	inch	mm	inch
90	3.5	100	4	150	6	150	6

### Standard range of belt widths $b_0$

mm (nom.)	229	305	381	457	533	610	686	762	838	914	991	1067	1143	etc.
inch (nom.)	9	12	15	18	21	24	27	30	33	36	39	42	45	etc.

PP +HW: Real belt widths are in most cases 0.1% to 0.3% smaller.

PP +GH: Real belt widths are 0.25% wider.

**Standard belt widths** in increments of 76.2 mm (3"). Non-standard widths are offered in increments of 38.1 mm (1.5").

**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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