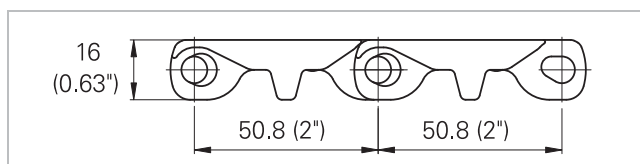


# HabasitLINK® M5065 Flat Top 2" HyCLEAN



## Description

- 0% open area
- Solid plate
- Imperial belt width
- Extra wide dynamic open hinge (6" link pitch)
- 85% rod exposure, superior cleanability
- Seamless up to 24" belt width
- Rod diameter 7 mm (0.27")
- Smart Fit rod retention
- Food approved materials available



## Belt data

Belt material		POM+IM		PP	
Rod material		PE	PP	POM	PP
Nominal tensile strength $F'_N$ straight run	N/m lb/ft	2500 171	3900 267	4300 295	3600 247
Temperature range	°C °F	-40 - 65 -40 - 150	5 - 93 40 - 200	5 - 93 40 - 200	5 - 105 40 - 220
Belt weight $m_B$	kg/m <sup>2</sup> lb/sqft	12.2 2.50	12.2 2.50	8.1 1.67	8.1 1.67

Belt material		POM+IM	
Rod material		POM	
Nominal tensile strength $F'_N$ straight run	N/m lb/ft		6200 428
Temperature range	°C °F		-40 - 93 -40 - 200
Belt weight $m_B$	kg/m <sup>2</sup> lb/sqft		12.2 2.50

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)		Backbending radius for elevators with side guards or hold down devices (minimum)	
mm	inch	mm	inch	mm	inch	mm	inch	mm	inch
90	3.50	100	4.00	150	6	150	6	250.0	10

## Standard range of belt widths $b_0$

mm (nom.)	152	229	305	381	457	533	610	686	762	838	914	991	1067	etc.
inch (nom.)	6	9	12	15	18	21	24	27	30	33	36	39	42	etc.

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

For PE 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 3" (76.2 mm). Non-standard widths are offered in increments of 1.5" (38.1 mm). Smallest possible width 6.0" (152.4 mm).

# HabasitLINK®

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

**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.

### **Disclaimer**

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