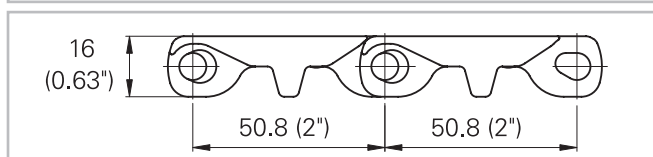


# HabasitLINK® Straight 2" Pitch Belting M5065 Flat Top 2" HyCLEAN



## 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		PP		POM +IM		
Rod material		PP	POM	PE	PP	POM
Nominal tensile strength $F'_N$	N/m	3600	4300	2500	3900	6200
straight run	lb/ft	247	295	171	267	428
Temperature range	°C	5 - 105	5 - 93	-40 - 65	5 - 93	-40 - 93
	°F	40 - 220	40 - 200	-40 - 150	40 - 200	-40 - 200
Belt weight $m_B$	kg/m²	8.1	8.1	12.2	12.2	12.2
	lb/sqft	1.67	1.67	2.50	2.50	2.50

Belt material		POM +IM		PE	
Rod material		PA	PBT	PE	POM
Nominal tensile strength $F'_N$	N/m	5300	4800	2400	3300
straight run	lb/ft	363	329	164	226
Temperature range	°C	-40 - 93	-40 - 93	-70 - 65	-40 - 65
	°F	-40 - 200	-40 - 200	-94 - 150	-40 - 150
Belt weight $m_B$	kg/m²	12.2	12.2	8.7	8.7
	lb/sqft	2.50	2.50	1.78	1.78

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	6	250	10

**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).

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

**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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