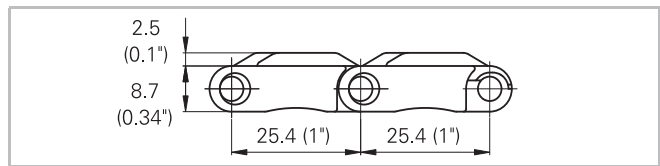
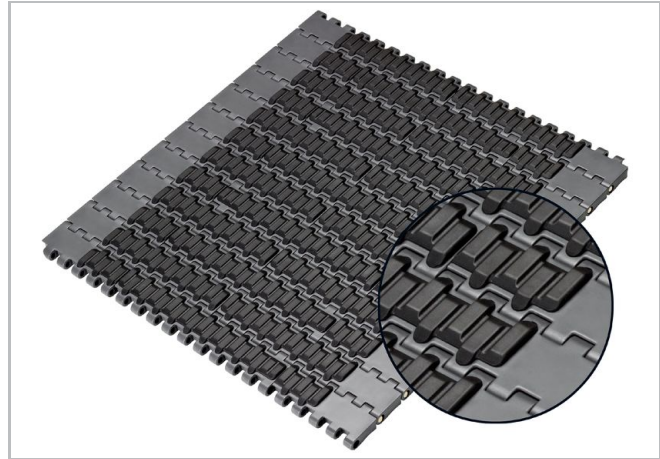


## Description

- Imperial belt width
- 0% open area
- Abrasion resistant GripTop, high friction
- Closed hinge
- Rod diameter 4.5 mm (0.18")
- Headless Smart Fit rod retention
- Strong closed edges
- Optimized for 50 mm (2") idle roller diameter, 40 mm (1.6") possible
- Lug teeth sprockets

## Available pattern

- Fully covered by GripTop or in rows of any distance in multiples of 25.4 mm (1")
- With indent 38 mm (1.5") or without indent



## Belt data

Belt material		PP		POM	
GripTop material		TPE			
Rod material		PP	POM	PA	
Nominal tensile strength $F'_N$ straight run	N/m	16200	16200	26300	
	lb/ft	1110	1110	1802	
Temperature range	°C	5 - 60	5 - 60	-40 - 60	
	°F	40 - 140	40 - 140	-40 - 140	
Belt weight $m_B$	kg/m <sup>2</sup>	6.9	6.9	9.9	
	lb/sqft	1.42	1.42	2.03	

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	50	2	100	4	150	6

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

## 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.

For PP material up to 750 mm (30") -3 mm to 0 mm and -0.4% to 0% for wider belts.

For POM material up to 750 mm (30") -2 mm to 1 mm and -0.2% to 0.2% for wider belts.

**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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