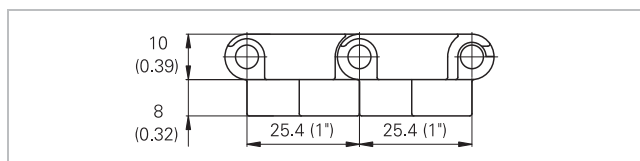
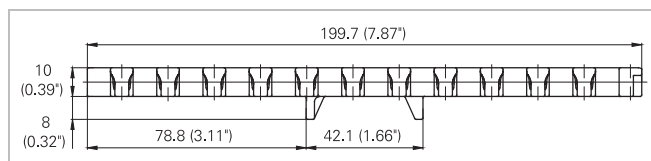
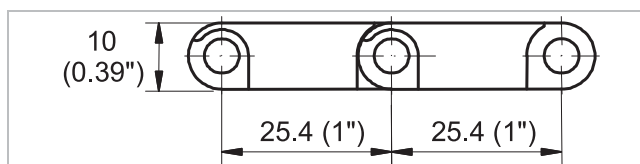
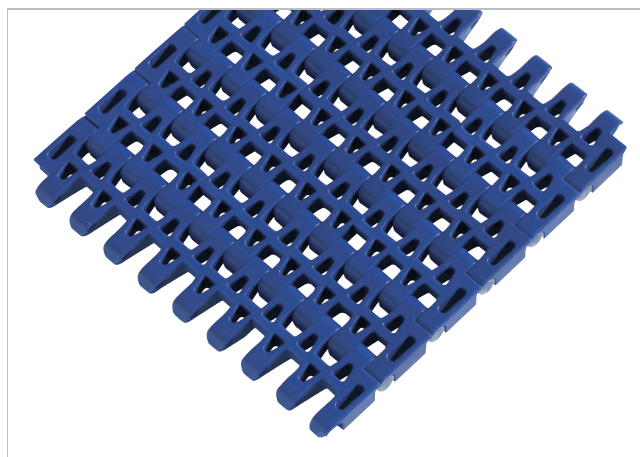


### Description

- 35% open area; 60% open contact area; largest opening 5.5x7 mm (0.22"x0.28")
- Excellent for cooling and draining
- Open hinge
- Food approved materials available
- Rod diameter 5 mm (0.2")
- Snap Fit rod retention
- "Open window" sprockets

### Available accessories

- Flights
- Side guards
- Hold-down devices
- GripTop modules
- Tab modules with 2 tabs (Code: - T2)
- Saniclip (restriction: do not support the belt at Saniclip)



### Belt data

Belt material		PA	PE	POM		PP
Rod material		PA	PE	PA	PP	
Nominal tensile strength $F'_N$ straight run	N/m	20000	8000	24700	18000	14000
	lb/ft	1370	548	1692	1233	959
Temperature range	°C	-46 - 130	-70 - 65	-40 - 93	5 - 93	5 - 105
	°F	-50 - 266	-94 - 150	-40 - 200	40 - 200	40 - 220
Temperature maximum (short-term)	°C	160				
	°F	320				
Belt weight $m_b$	kg/m <sup>2</sup>	5.6	5.1	7.1	7.1	4.6
	lb/sqft	1.15	1.04	1.45	1.45	0.94

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
50	2.00	50	2.00	100	4	150	6	250.0	10

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

### Standard range of belt widths $b_b$

mm (nom.)	150	200	250	300	350	400	450	500	550	600	650	700	750	800	etc.
inch (nom.)	6	8	10	12	14	16	18	20	22	24	26	28	30	32	etc.

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

For PE material up to 750 mm (30") -5 mm to -1 mm and -0.8% to -0.3% for wider belts.

For PP material up to 750 mm (30") -2 mm to 1 mm and -0.4% to 0.1% for wider belts.

For POM material up to 750 mm (30") -3 mm to 0 mm and -0.4% to 0.1% for wider belts.

**Standard belt widths** in increments of 50 mm (2"). Non-standard widths are offered in increments of 16.66 mm (0.66"). Smallest possible width 83.4 mm (3.25").

**For detailed material properties** please contact your Habasit representative.

### Belt data for special belt materials

Belt material		PBT+FR		PP+FR	
Rod material		PA	PP	PA	PP
Belt width		Standard			
Flammability classification UL 94 <sup>(2)</sup>		V0			
Flammability classification ISO 340 <sup>(2)</sup>		yes		no	
Nominal tensile strength $F'_N$ straight run	N/m lb/ft	15000 1027	14000 959	9000 617	9000 617
Temperature range	°C	-40 - 130	5 - 105	5 - 105	5 - 105
	°F	-40 - 266	40 - 220	40 - 220	40 - 220
Temperature maximum (short-term)	°C	150			
	°F	302			
Belt weight $m_B$	kg/m <sup>2</sup>	7.6	7.6	5.6	5.6
	lb/sqft	1.56	1.56	1.15	1.15

**Sprockets:** In most cases standard sprockets are suitable. Depending on the application requirements it may be necessary to select a different sprocket material like Polyamide, Polyurethane or Polypropylene.

<sup>(2)</sup> Flammability classification UL 94 and ISO 340 see Glossary in the HabasitLINK® Engineering Guidelines.

### Dimension change due to moisture

For Polyamide the dimension change due to moisture adsorption needs to be considered. For detailed information refer to the Calculation Guide in the HabasitLINK Engineering Guidelines.

### Dimension change due to temperature

For detailed information and correct calculation of length and width at varying temperature refer to the Calculation Guide in 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

#### Product Application Disclaimer (valid for ALL Habasit products and mentioned on all PDS)

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