

Description

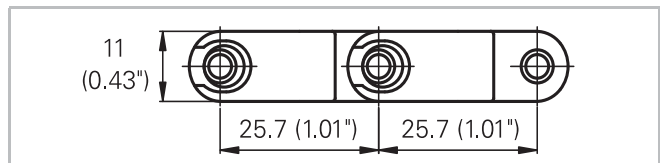
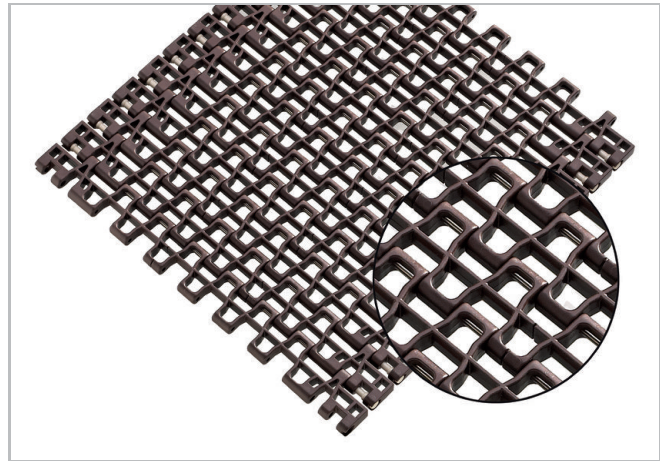
- Imperial belt width
- Excellent for cooling and draining
- Open hinge
- Superior cleanability
- Food approved materials available
- Smart fit rod retention

Version –P0:

- Plastic rod Ø 5mm (0.2") (general applications)
- 48% open area; 88% open contact area; largest openings 10x12 mm (0.4"x0.5") and 4x17 mm (0.15"x0.67")

Version –S0:

- Plastic rodlets with steel floaters Ø 3.5mm (0.14") (high temperature applications)
- 54% open area; 91% open contact area; largest openings 10x12 mm (0.4"x0.5") and 4x17 mm (0.15"x0.67")



Belt data for version -P0 (plastic rod)

Belt material		PP		POM	
Rod material		PP	POM	PA	PBT
Nominal tensile strength F'_N straight run	N/m	9500	11000	15500	10300
	lb/ft	651	754	1062	705
Temperature range	°C	5 - 105	5 - 93	-40 - 93	-40 - 93
	°F	40 - 220	40 - 200	-40 - 200	-40 - 200
Belt weight m_B	kg/m ²	4.2	4.2	6.4	6.4
	lb/sqft	0.85	0.85	1.31	1.31

Plastic rod diameter Ø 5 mm (0.2")

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
40	1.6	50	2	100	4	150	6

Standard range of belt widths b_0

mm (nom.)	305	508	711	914	1117	1319	1522	1725	1928	etc.
inch (nom.)	12	20	28	36	44	52	60	68	76	etc.

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") -3 mm to 0 mm and -0.4% to 0% for wider belts.

Standard belt widths in increments of 203.2 mm (8"). Non-standard widths are offered in increments of 33.8 mm (1.3"). Smallest possible width 203.2 mm (8").

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.

Belt data for version -S0 (plastic rodlets, steel floaters)

Belt material		PA +GF	PA +HT	ST
Rod material		ST / Steel		
Nominal tensile strength F'_N straight run	N/m lb/ft	20000 1370	22000 1507	10000 685
Temperature range	°C °F	0 - 145 32 - 293	0 - 170 32 - 338	0 - 200 32 - 392
Temperature maximum (short-term)	°C °F	175 347	200 392	240 464
Belt weight m_b	kg/m ² lb/sqft	8.0 1.64	8.0 1.64	9.2 1.88

Plastic rodlets Ø 5 mm (0.2") and steel floaters Ø 3.5 mm (0.14")

Standard range of belt widths b_s

mm (nom.)	305	508	711	914	1117	1319	1522	1725	1928	etc.
inch (nom.)	12	20	28	36	44	52	60	68	76	etc.

Standard belt widths in increments of 203.2 mm (8"). Non-standard widths are offered in increments of 33.8 mm (1.3"). Smallest possible width 203.2 mm (8").

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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