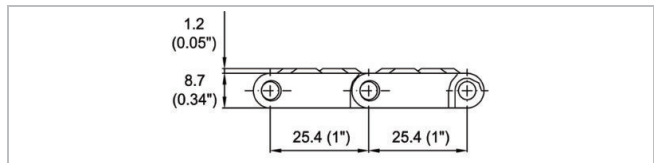


Description

- 0% open area
- Closed hinge
- Safe Non Slip profile for people mover applications
- Rod diameter 4.5 mm (0.18")
- Headless Smart Fit rod retention
- Strong closed edges
- Lug teeth sprockets
- Standard belt material is antistatic
- Electro conductive and flame retardant materials available



Belt data

Belt material		POM+AS	PP+FC	PP+AS
Rod material		PA		
Nominal tensile strength F'_N straight run	N/m	22900	4500	16200
	lb/ft	1569	308	1110
Temperature range	°C	-40 - 90	5 - 105	5 - 105
	°F	-40 - 195	40 - 220	40 - 220
Belt weight m_B	kg/m ²	8.1	7.7	5.6
	lb/sqft	1.67	1.57	1.13

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	2.00	50	2.00	100	4	150	6

Standard range of belt widths b_0

mm (nom.)	85	170	255	340	425	510	595	680	765	850	935	1020	1105	etc.
inch (nom.)	3.35	6.69	10.04	13.39	16.73	20.08	23.43	26.77	30.12	33.46	36.81	40.16	43.50	etc.

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

For PP material up to 750 mm (30") -2 mm to 1 mm and -0.25% to 0.25% for wider belts.

Standard belt widths in increments of 85 mm (3.35"). Non-standard widths are offered in increments of 17 mm (0.67"). Smallest possible width 85 mm (3.35").

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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