

Description

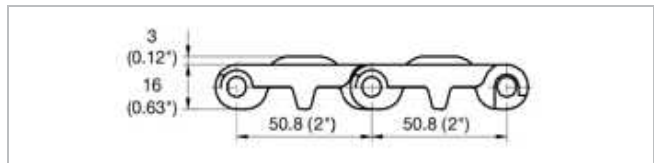
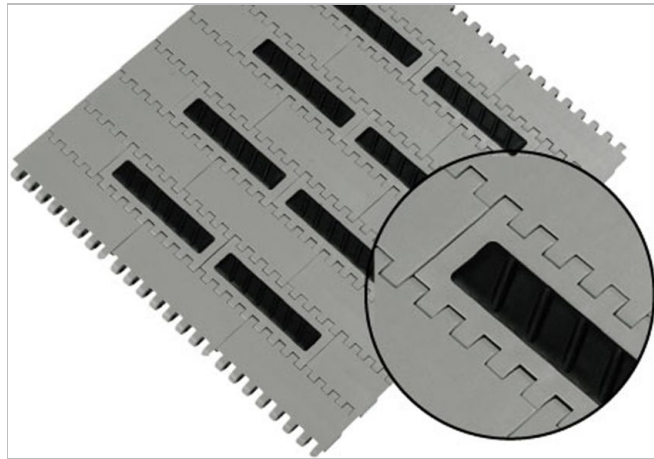
- 0% open area
- Extremely stiff
- Closed hinge
- Food approved materials available
- Rod diameter 7 mm (0.27")
- "Open window" sprockets

Proposed pattern

- Indent 75 mm (3")
- Bricklaid: GripTop rows every 2nd, 4th, 6th row (multiples of 101.6 mm (4"))
- 150 mm (6") wide chain possible

Available accessories

- Hold down device



Belt data

Belt material		POM		PP	
GripTop material		TPE			
Rod material		PA	PP	POM	PP
Nominal tensile strength F'_N	N/m	45000	35000	37000	34000
straight run	lb/ft	3083	2398	2535	2329
Temperature range	°C	-40 - 60	5 - 60	5 - 60	5 - 60
	°F	-40 - 140	40 - 140	40 - 140	40 - 140
Belt weight m_b	kg/m ²	14.5	14.5	9.4	9.4
	lb/sqft	2.97	2.97	1.93	1.93

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
90	3.50	100	4.00	150	6	150	6	10.0	250

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

Standard range of belt widths b_0

mm (nom.)	225	300	375	450	525	600	675	750	825	900	975	1050	1125	1200	etc.
inch (nom.)	9	12	15	18	21	24	27	30	33	36	39	42	45	48	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") -3 mm to 0 mm and -0.4% to 0% for wider belts.

Standard belt widths in increments of 75 mm (3"). Non-standard widths are offered in increments of 18.75 mm (0.74"). Smallest possible width 300 mm (12"). Non-bricklaid belts 150 mm (6").

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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