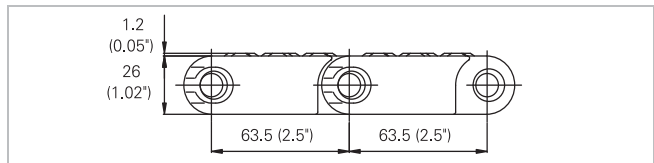
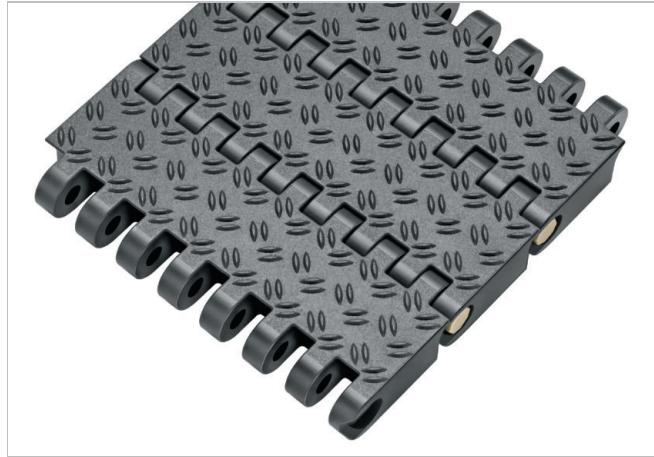


## Description

- Heavy duty belt extremely strong and stiff
- 0% open area
- Closed hinge
- Rod diameter 10 mm (0.39")
- Smart Fit rod retention
- Non Slip profile for people mover applications
- Standard belt material is antistatic
- Electro conductive and flame retardant materials available
- Steel rods available
- Lug teeth solid sprockets



## Belt data

Belt material		POM+AS		PP+AS	
Rod material		PA	Steel	PA	Steel
Nominal tensile strength $F'_N$ straight run	N/m lb/ft	100000 6854	100000 6854	60000 4110	60000 4110
Temperature range	°C °F	-40 - 93 -40 - 200	-40 - 93 -40 - 200	5 - 105 40 - 220	5 - 105 40 - 220
Belt weight $m_B$	kg/m <sup>2</sup> lb/sqft	27.6 5.66	35.6 7.30	17.9 3.67	25.9 5.31

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
100	4.00	100	4.00	200	8	200	8

## Standard range of belt widths $b_0$

mm (nom.)	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	etc.
inch (nom.)	3.9	7.9	11.8	15.7	19.7	23.6	27.6	31.5	35.4	39.4	43.3	47.2	51.2	etc.

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

**Standard belt widths** in increments of 100 mm (3.9"). Non-standard widths are offered in increments of 50 mm (2"). Non-bricklaid belts 100 mm (3.9") and 200 mm (7.9").

**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.



**Disclaimer**

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

This disclaimer is made by and on behalf of Habasit and its affiliated companies, directors, employees, agents and contractors (hereinafter collectively "HABASIT") with respect to the products referred to herein (the "Products"). SAFETY WARNINGS SHOULD BE READ CAREFULLY AND ANY RECOMMENDED SAFETY PRECAUTIONS BE FOLLOWED STRICTLY! Please refer to the Safety Warnings herein, in the Habasit catalogue as well as installation and operating manuals. All indications / information as to the application, use and performance of the Products are recommendations provided with due diligence and care, but no representations or warranties of any kind are made as to their completeness, accuracy or suitability for a particular purpose. The data provided herein are based on laboratory application with small-scale test equipment, running at standard conditions, and do not necessarily match product performance in industrial use. New knowledge and experience may lead to re-assessments and modifications within a short period of time and without prior notice.

EXCEPT AS EXPLICITLY WARRANTED BY HABASIT, WHICH WARRANTIES ARE EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, THE PRODUCTS ARE PROVIDED "AS IS". HABASIT DISCLAIMS ALL OTHER WARRANTIES, EITHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, NON-INFRINGEMENT, OR ARISING FROM A COURSE OF DEALING, USAGE, OR TRADE PRACTICE, ALL OF WHICH ARE HEREBY EXCLUDED TO THE EXTENT ALLOWED BY APPLICABLE LAW. BECAUSE CONDITIONS OF USE IN INDUSTRIAL APPLICATION ARE OUTSIDE OF HABASIT'S CONTROL, HABASIT DOES NOT ASSUME ANY LIABILITY CONCERNING THE SUITABILITY AND PROCESS ABILITY OF THE PRODUCTS, INCLUDING INDICATIONS ON PROCESS RESULTS AND OUTPUT.