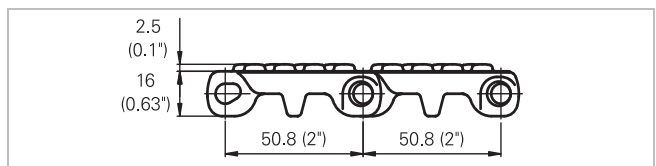
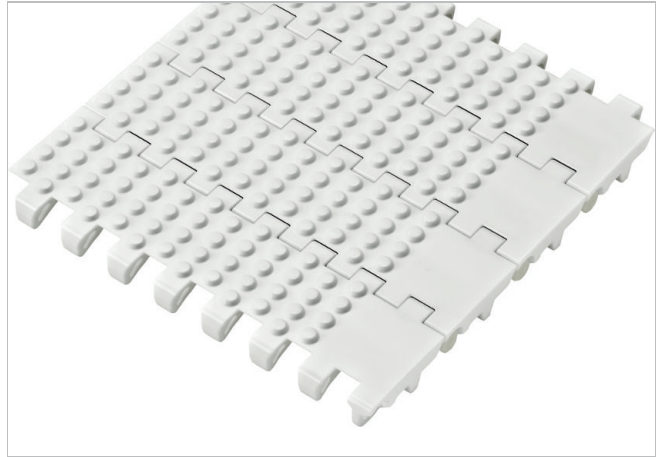


## Description

- 0% open area
- Solid plate
- Imperial belt width
- Dynamic open hinge, easy to clean
- Strong link design (1" link-pitch)
- Rod diameter 7 mm (0.27")
- Indent 39.5 mm (1.56')
- Smart Fit rod retention
- Reinforced edge link
- Food approved materials available

## Available accessories

- Flight straight with ribs (without nubs)
- Top round bar flight
- Hold-down devices
- Saniclip



## Belt data

| Belt material                                   |                   | PE           |             | POM+IM       |               |
|---|-------------------|--------------|-------------|--------------|---------------|
| Rod material                                    |                   | PA           | PE          | PA           | PA            |
| Nominal tensile strength $F'_N$<br>straight run | N/m<br>lb/ft      | 10000<br>685 | 8000<br>548 | 14000<br>959 | 30000<br>2055 |
| Temperature range                               | °C                | -46 - 65     | -70 - 65    | -40 - 65     | -40 - 93      |
|   | °F                | -50 - 150    | -94 - 150   | -40 - 150    | -40 - 200     |
| Belt weight $m_B$                               | kg/m <sup>2</sup> | 9.1          | 9.1         | 13.1         | 13.4          |
|   | lb/sqft           | 1.86         | 1.86        | 2.68         | 2.75          |

| Belt material                                   |                   | POM           |              | PP            |               |
|---|-------------------|---------------|--------------|---------------|---------------|
| Rod material                                    |                   | PA            | PE           | PA            | PP            |
| Nominal tensile strength $F'_N$<br>straight run | N/m<br>lb/ft      | 30000<br>2055 | 14000<br>959 | 22000<br>1507 | 18000<br>1233 |
| Temperature range                               | °C                | -40 - 93      | -40 - 65     | 5 - 105       | 5 - 105       |
|   | °F                | -40 - 200     | -40 - 150    | 40 - 220      | 40 - 220      |
| Belt weight $m_B$                               | kg/m <sup>2</sup> | 13.1          | 13.1         | 8.8           | 8.8           |
|   | lb/sqft           | 2.68          | 2.68         | 1.80          | 1.80          |

| 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    | 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.)   | 304  | 406  | 508  | 609  | 711  | 813  | 914  | 1016 | 1117 | 1219 | 1321 | etc. |
| inch (nom.) | 12.0 | 16.0 | 20.0 | 24.0 | 28.0 | 32.0 | 36.0 | 40.0 | 44.0 | 48.0 | 52.0 | etc. |

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

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

**Standard belt widths** in increments 4.0" (101 mm). Non-standard widths are offered in increments of 1.0" (25.4 mm) Smallest possible width 4.0" (101 mm), but widths smaller than 12" (304 mm) is without indent.

**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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