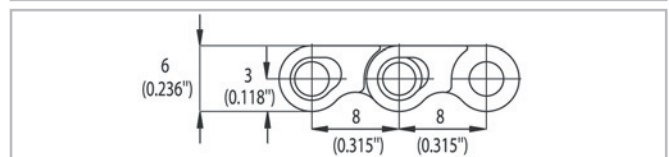
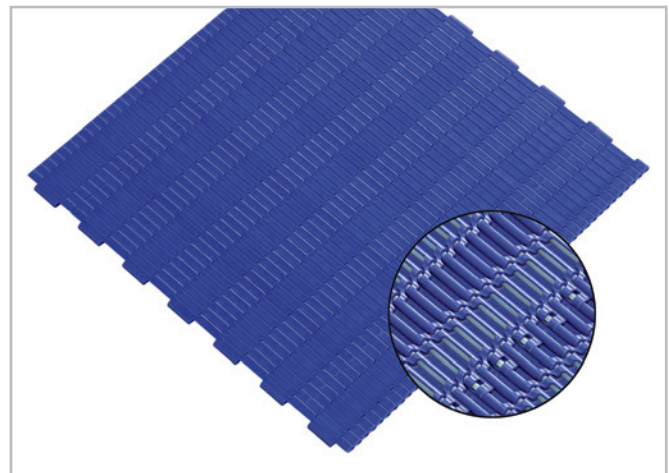


# HabasitLINK® Straight 0.3" Pitch Belting M0870 Micropitch Flat Top 0.3"



## Description

- 0% open area
- Solid plate
- Imperial belt width
- Dynamic open hinge, easy to clean
- Rod diameter 3 mm (0.12")
- Nosebar diameter 7 mm (0.28")
- Snap Fit rod retaining system
- Food approved materials available



## Belt data

|   |                  |                       |
|---|------------------|-----------------------|
| Belt material                                   |                  | POM                   |
| Rod material                                    |                  | PA                    |
| Nominal tensile strength $F'_N$<br>straight run | N/m<br>lb/ft     | 2000<br>137           |
| Temperature range                               | °C<br>°F         | -40 - 93<br>-40 - 200 |
| Belt weight $m_B$                               | kg/m²<br>lb/sqft | 5.3<br>1.09           |

| Diameter of idling rollers<br>(minimum) |      | Diameter of support rollers<br>(minimum) |      | Diameter for gravity take-up and center<br>drive rollers<br>(minimum) |      |
|---|------|--|------|---|------|
| mm                                      | inch | mm                                       | inch | mm  | inch |
| 7                                       | 0.28 | 50                                       | 2    | 50  | 2    |

## Standard range of belt widths $b_0$

|             |     |     |     |      |      |      |
|-------------|-----|-----|-----|------|------|------|
| mm (nom.)   | 305 | 609 | 914 | 1219 | 1524 | etc. |
| inch (nom.) | 12  | 24  | 36  | 48   | 60   | etc. |

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

**Standard belt widths** in increments 4.0" (101.6 mm). Non-standard widths are offered in increments of 2.0" (50.8 mm). Please check the correct sprocket position with your local contact. Smallest possible width 4.0" (101.6 mm).

**For detailed material properties** refer to the HabasitLINK® Engineering Guidelines or contact your Habasit representative.

**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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## **Product liability, application considerations**

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