

# HabasitLINK® Straight 1/2" Pitch Belting M1220 GripTop 0.5"

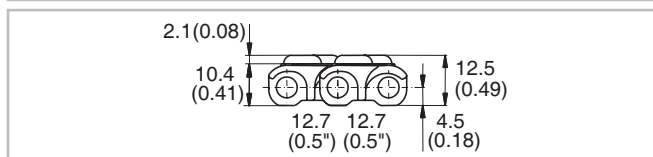
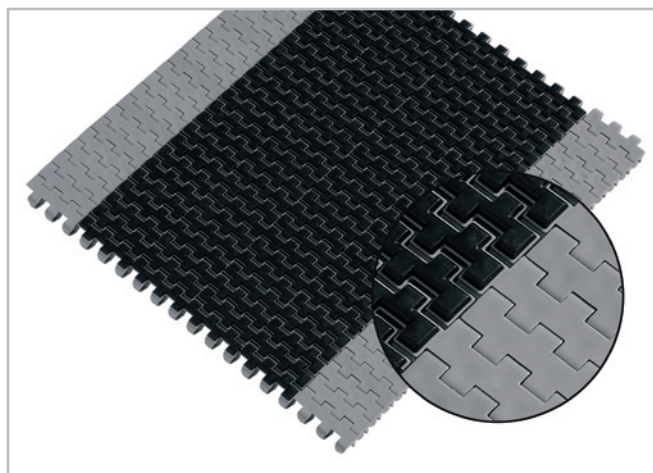


## Description

- "Nosebar transfer", recommended diameter 18 mm (0.71"); 16 mm (0.63") possible
- 0% open area
- Open hinge
- Indent 50 mm (2")
- Abrasion resistant GripTop, high friction
- Food approved materials available
- Rod diameter 5 mm (0.2")
- "Open window" sprockets

## Available accessories

- Flights



## Belt data

| Belt material                   |                  | PP                 |                    |
|---------------------------------|------------------|--------------------|--------------------|
| GripTop material                |                  | TPE                |                    |
| Rod material                    |                  | PP                 | POM                |
| Nominal tensile strength $F'_N$ | N/m<br>lb/ft     | 9000<br>617        | 9000<br>617        |
| Temperature range               | °C<br>°F         | 5 - 60<br>40 - 140 | 5 - 60<br>40 - 140 |
| Belt weight $m_B$               | kg/m²<br>lb/sqft | 6.5<br>1.33        | 6.5<br>1.33        |

| 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 sideguards or hold down devices (minimum) |      |
|--------------------------------------|------|---------------------------------------|------|---|------|--|------|
| mm                                   | inch | mm                                    | inch | mm  | inch | mm   | inch |
| 18                                   | 0.7  | 50                                    | 2    | 75  | 3    | 150  | 6    |

## Standard range of belt widths $b_0$

|             |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
| mm (nom.)   | 150 | 200 | 250 | 300 | 350 | 400 | 450 | 500 | 550 | 600 | 650 | 700 | 750 | 800 | 850 | etc. |
| inch (nom.) | 6   | 8   | 10  | 12  | 14  | 16  | 18  | 20  | 22  | 24  | 26  | 28  | 30  | 32  | 34  | etc. |

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

Real belt widths for PP are 0.1% to 0.3% wider.

**Standard belt widths** in increments of 50 mm (2"). Non-standard widths are offered in increments of 16.66 mm (0.66"). Min. width: 200 mm (8")

**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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