



# Technical data sheet

## BELT TYPE L10/M

Code number 5L10

### MOST POPULAR APPLICATIONS:

- Slope conveying of single loads as packages, luggage, boxes, etc;

### GENERAL CHARACTERISTICS:

High super grip cover (honeycomb structure); low resistance to oily and fatty products.

#### Belt structure

Number of plies	: 2
Weft	: Rigid
Top cover	: PVC L
- Color	: Green
- Thickness	: 3.7 mm
- Hardness	: 46° Shore A
- Surface	: M structure
Bottom cover	: Raw fabric
Total thickness	: 5.2 mm
Weight	: 4.4 kg/sq.m
Antistatic	: No
Max production width	: 2,000 mm

#### Minimum pulley diameters

Normal flexing	: 40 mm
Counter flexing	: 60 mm

#### Conveyor frame characteristics

Slider beds	: Yes
Metal troughs	: No
Support with horizontal rollers	: Yes
Support with trough idlers (2 or 3 rollers)	: No
Special and mixed trough idlers	: To be checked
Sliding on the return side	: No

#### Belt strength

Breaking load	: 130 daN/cm
Max. suggested working load	: 10 daN/cm
Working load at 1% elongation	: 8 daN/cm

#### Joining methods

Hot execution	: FoF
Fasteners	: K3 inox VAT B3 G3

#### Operating condition

Contact temperature range	: - 5...+60°C
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The product temperature can vary by up to 25% more or less than the contact temperature range depending on: contact time, product weight, dispersion and ambient temperature.

#### Friction coefficient (bottom cover)

Stainless steel, BA	: 0.20
Stainless steel, 2B	: 0.18
Stainless steel, 2D	: 0.25
Rolled steel plate	: 0.20
Plastic sheet (brilliant surface)	: 0.20

BA = Brilliant surface  
2B = Half-brilliant surface  
2D = Hot-laminated surface

**SPECIAL EXECUTIONS:** With welded profiles on bottom cover.

The data in this data sheet were measured at a temperature of 20°C and a relative humidity of 65 to 70%. Above data are subject to change without prior notice by **Sampla Belting S.p.A.**