



Technical data sheet

BELT TYPE U121/4F

Code number 5X67

MOST POPULAR APPLICATIONS:

- Marble industry: polishing and gauging machines for marble and granite.

GENERAL CHARACTERISTICS:

4-ply belt with excellent resistance to water and abrasion. PU skimmed bottom cover with low friction coefficient.

Belt structure

Number of plies	: 4
Weft	: Flexible
Top cover	: PVC U
- Colour	: Green
- Thickness	: 2.0 mm
- Hardness	: 74 Shore A
- Surface	: F structure
Bottom cover	: PU skimmed
Total thickness	: 8.9 mm
Weight	: 10.8 kg/m ²
Antistatic	: No
Max production width	: 2,500 mm

Minimum pulley diameters

Normal flexing	: 450 mm
Counter flexing	: 500 mm

Conveyor frame characteristics

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

Belt strength

Breaking load	: 1300 daN/cm
Max. suggested working load	: 120 daN/cm
Working load at 1% elongation	: 70 daN/cm

Joining methods

Hot execution	: Step
Fasteners	: --

Operating condition

Contact temperature range	: -10 +80°C
<p>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.</p>	

Friction coefficient (bottom cover)

Stainless steel, BA	: 0.22
Stainless steel, 2B	: 0.22
Stainless steel, 2D	: 0.28
Rolled steel plate	: 0.25
Plastic sheet (brilliant surface)	: 0.22

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

SPECIAL EXECUTIONS: With welded longitudinal and transversal profiles.

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.**