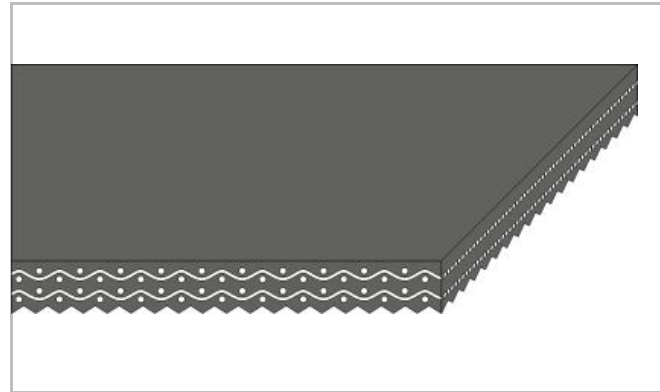
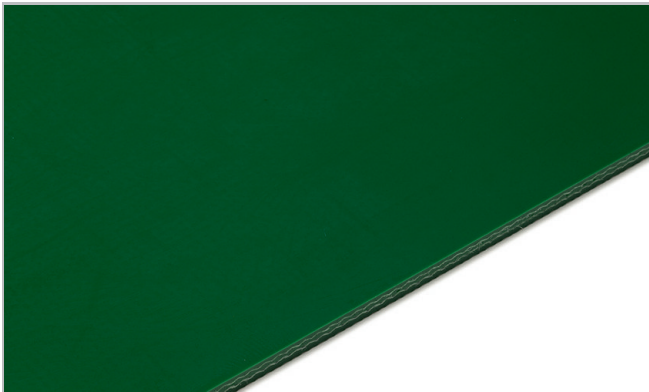


### Main industry segments

Horticulture

### Special features

Abrasion resistant



Product Construction / Design	
Conveying side material	Polyvinylchloride (PVC)
Conveying side surface	Smooth
Conveying side property	Adhesive
Conveying side color	Green
Traction layer (material)	Polyester (PET)
Number of Fabrics	2
Pulley side material	Polyvinylchloride (PVC)
Pulley side surface	Waffle structure
Pulley side property	Medium-adhesive
Pulley side color	Green

Product characteristics	
Antistatically equipped	No
Adhesive free joining method	Yes
Flammability	No specific flammability prevention property
Food suitability, FDA conformance	No
Food suitability, USDA recommendations	No use intended
Food suitability, EU conformance	No

# Light Conveyor Belts

## NVT-254



Technical data		
Thickness of belt	3.2 mm	0.13 inch
Mass of belt (belt weight)	3.5 kg/m <sup>2</sup>	0.717 lb/sqft
Tensile force for 1% elongation (k1% static) per unit of width (Habasit standard SOP3-155)	15 N/mm	86 lbf/in
Tensile force for 1% elongation after relaxation (k1% relaxed) per unit of width (Habasit Standard SOP3-155 / EN ISO 21181)	9.0 N/mm	51 lbf/in
Min. operating temperature admissible (continuous)	-10 °C	14 °F
Max. operating temperature admissible (continuous)	80 °C	176 °F
Coefficient of friction (running side / steel driving pulley)	0.35 -	
Coefficient of friction (running side / driving pulley with friction cover)	0.40 -	
Seamless manufacturing width	3000 mm	118 inch

### Joining related properties

Joining method	
Flexproof 20 x 80	Master joining method for standard applications
Flexproof 10 x 80	Master joining method for high stress applications or belt widths < 100 mm / 4 in

[Link to JDS:](#)

Joining method		Flexproof 20 x 80	Flexproof 10 x 80
Pulley diameter (minimum)	mm inch	50 1.97	50 1.97
Pulley diameter minimum with counter flection	mm inch	50 1.97	50 1.97
Admissible tensile force per unit of width	N/mm lbf/in	19 108	22 126
Admissible tensile force per unit of width at max. operating temperature	N/mm lbf/in	9.0 51	13 74
Slider bed suitable		No	No
Carrying rollers suitable		Yes	Yes
Troughed installation suitable		No	No
Power turns / curved installations		No	No
Nosebar suitable		No	No
Low noise applications		No	No
Metal detector suitable		Yes	Yes

All data are approximate values under standard climatic conditions: 23°C/73°F, 50% relative humidity (DIN 50005/ISO 554).

# Light Conveyor Belts

## NVT-254



### Chemical resistance

Link to 'Chemical resistance information': <http://www.habasit.com/en/chemical-resistance.htm>

### Mode of use or conveyance

Horizontal, Inclined

### Calculations

For most applications calculation is not required. Should you still need a calculation: please ask Habasit.

### Recommendation

Do not go below initial elongation (epsilon) ~ 0.3%

For details consult 'Storage and handling requirements for belts and machine tapes' or contact Habasit, Protect belts from sunlight/UV-radiation/dust and dirt. Store spare belts in a cool and dry place and if possible in their original packaging.

This product has not been tested according to ATEX standards (atmospheres with explosion risk - ATEX 95 regulation or EU directive 94/9) and therefore is subject to user's analysis in the respective environment

Group	PVC Belts
Sub-Group	General Purpose Conveyor Belts
Item number	H100067160

### Disclaimer

#### Product Application Disclaimer (valid for ALL Habasit products and mentioned on all PDS)

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