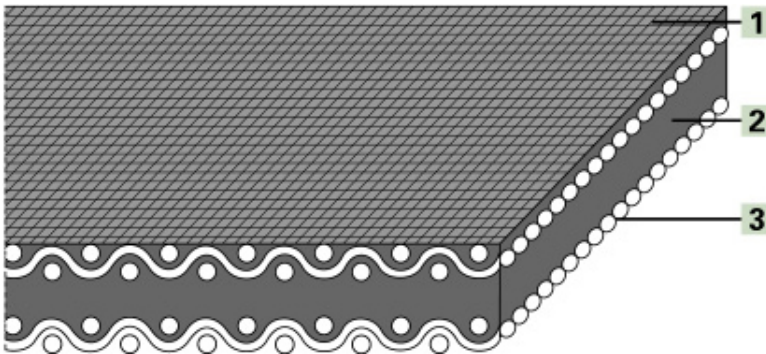


## Product Designation

<b>Product Group:</b>	PVC conveyor and processing belts
<b>Product Sub-Group:</b>	N line belts for general conveying
<b>Main Industry Segments:</b>	Marble/stone/ceramics; Mechanical/apparatus engineering; Metal working; Parcel sorting; Postal/mail sorting
<b>Belt Applications:</b>	General conveying belt; Induction belt; Power turn belt; Spiral belt
<b>Special Features:</b>	Cut resistant; Powerturn suitable
<b>Mode of Use/Conveyance:</b>	Accumulation; Curved; Diverting; Horizontal

## Product Design (enlarged)



## Product Construction/Design

<b>1 Conveying Side (Material):</b>	Polyester fabric (PET) impregnated with polyvinylchloride (PVC)
<b>1 Conveying Side (Surface):</b>	Fabric
<b>1 Conveying Side (Property):</b>	Non-adhesive
<b>1 Conveying Side (Color):</b>	Dark green
<b>2 Traction Layer (Material):</b>	Polyester (PET) fabric
<b>Number of Fabrics:</b>	2
<b>3 Running Side/Pulley Side (Material):</b>	Polyester (PET) fabric
<b>3 Running Side/Pulley Side (Surface):</b>	Impregnated fabric
<b>3 Running Side/Pulley Side (Color):</b>	Black

## Product Characteristics

<b>Slider bed suitable:</b>	Yes
<b>Carrying rollers suitable:</b>	Yes
<b>Power turns, curved installations:</b>	Yes
<b>Nosebar suitable:</b>	No
<b>Low noise applications:</b>	Yes
<b>Antistatically equipped:</b>	Yes
<b>Metal detector suitable:</b>	No
<b>Flammability:</b>	No specific flammability prevention property
<b>Food suitability FDA:</b>	No use intended
<b>Food suitability USDA:</b>	No use intended
<b>Food suitability EU:</b>	No

## Technical Data

<b>Thickness:</b>	2.4 mm	0.09 in.
<b>Mass of belt (belt weight):</b>	2.8 kg/m <sup>2</sup>	0.57 lbs./sq.ft
<b>Nosebar Radius (minimum):</b>	NA mm	NA in.
<b>Pulley diameter (minimum):</b>	80 mm	3.1 in.
<b>Pulley diameter minimum with counter flexion:</b>	80 mm	3.1 in.
<b>Tensile force for 1% elongation (k1% static) per unit of width (Habasit standard 320.111):</b>	12 N/mm	69 lbs./in.
<b>Tensile force for 1% elongation after relaxation (k1% relaxed) per unit of width (Habasit Standard SOP3-155 / EN ISO 21181):</b>	7 N/mm	40 lbs./in.
<b>Admissible tensile force per unit of width:</b>	12 N/mm	69 lbs./in.
<b>Operating temperature admissible (continuous):</b>	Min -10 °C Max 80 °C	Min 14 °F Max 176 °F
<b>Coefficient of friction on slider bed of pickled steel sheet:</b>	0.25 [-]	0.25 [-]
<b>Seamless manufacturing width:</b>	2700 mm	106 in.

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

## Additional Technical Information

<b>Chemical Resistance Class:</b>	3 (These indications are not guarantees of properties)
<b>Installation and Handling Instructions:</b>	Do not go below initial elongation (epsilon) ~ 0.3%
<b>Limitations:</b>	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.

## Storage

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.

## Legend

<b>*</b>	No calculation Value
<b>2)</b>	Product containing different coating materials such as elastomer, natural fibers, silicones, etc., are not subject to the directive 2002/72/EC
<b>3)</b>	CLA: Coordination of the centre line-average value Ra (in the US also Arithmetical Average (AA)) to the maximum peak to valley height Rt for surfaces manufactured by chip removal.
<b>8)</b>	Due to high coefficient of friction of running/pulley side, the suitability for use on slider beds is limited German federal institute for risk assessment (Bundesinstitut fuer Risikobewertung)
<b>EEC</b>	European Economic Community
<b>EU</b>	European Union (Directive 2002/72/EC)
<b>FDA</b>	Food and Drug Administration
<b>NA</b>	Not available
<b>NAP</b>	Not applicable
<b>USDA</b>	United States Department of Agriculture (Food Safety and Inspection Service, Washington D.C.)

## Product Liability, Application Considerations

If the proper selection and application of Habasit products are not recommended by an authorized Habasit sales specialist, the selection and application of Habasit products, including the related area of product safety, are the responsibility of the customer. All indications / information are recommendations and believed to be reliable, but no representations, guarantees, or warranties of any kind are made as to their accuracy or suitability for particular applications. The data provided herein are based on laboratory work with small-scale test equipment, running at standard conditions, and do not necessarily match product performance in industrial use. New knowledge and experiences can lead to modifications and changes within a short time without prior notice. BECAUSE CONDITIONS OF USE ARE OUTSIDE OF HABASIT'S AND ITS AFFILIATED COMPANIES CONTROL, WE CANNOT ASSUME ANY LIABILITY CONCERNING THE SUITABILITY AND PROCESS ABILITY OF THE PRODUCTS MENTIONED HEREIN. THIS ALSO APPLIES TO PROCESS RESULTS / OUTPUT / MANUFACTURING GOODS AS WELL AS TO POSSIBLE DEFECTS, DAMAGES, CONSEQUENTIAL DAMAGES, AND FURTHER-REACHING CONSEQUENCES.