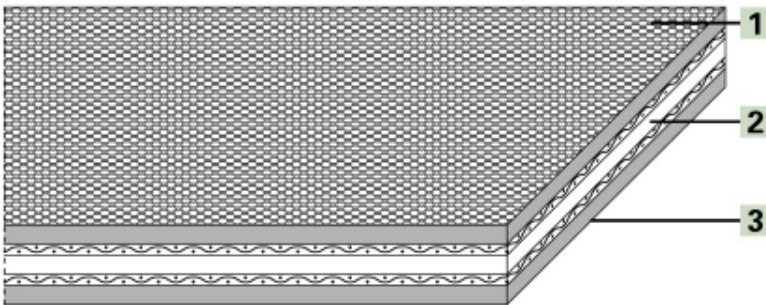


## Product Designation

Product Group:	Polyamide power transmission belts
Product Sub-Group:	SP tangential/flat belts
Main Industry Segments:	Yarn processing
Belt Applications:	Power transmission belt; Tangential belt
Special Features:	Abrasion resistant; Forgiving in case of short term shock like overloads
Mode of Use/Conveyance:	Power transmission

## Product Design (enlarged)



## Product Construction/Design

1 Friction cover/Pulley side (Material):	Acrylonitrile-Butadiene-Rubber (NBR) as friction cover (pulley/cylinder side)
1 Friction cover/Pulley side (Surface structure):	Rough structure
1 Friction cover/Pulley side (Color):	Green
2 Traction Layer (Material):	Polyamide (PA)
3 Reverse cover (Material):	Acrylonitrile-Butadiene-Rubber (NBR) as friction cover (whirl side)
3 Reverse cover (Surface structure):	Rough structure
3 Reverse cover (Color):	Light green

## Product Characteristics

Drive determination:	Double-sided power transmission
Antistatically equipped:	Yes

## Technical Data

Thickness:	1.5 mm	0.06 in.
Mass of belt (belt weight):	1.5 kg/m <sup>2</sup>	0.31 lbs./sq.ft
Pulley diameter (minimum):	40 mm	1.6 in.
Pulley diameter minimum with counter flexion:	40 mm	1.6 in.
Tensile force for 1% elongation (k1% after running in) per unit of width (Habasit standard SOP3-013):	5 N/mm	29 lbs./in.
Nominal peripheral force per unit of width:	14 N/mm	80 lbs./in.
Operating temperature admissible (continuous):	Min -20 °C Max 100 °C	Min -4 °F Max 212 °F
Seamless manufacturing width:	2400 mm	94 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>	2 (These indications are not guarantees of properties)
<b>Installation and Handling Instructions:</b>	Do not go below initial elongation (epsilon) ~0.5%.
<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>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
<b>EEC</b>	European Economic Community
<b>NA</b>	Not available
<b>NAP</b>	Not applicable

## Product Liability, Application Considerations

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