

## Product Designation

Product Group:	Aramide power transmission belts
Product Sub-Group:	TF tangential/flat belts
Main Industry Segments:	Paper manufacturing and processing; Yarn processing
Belt Applications:	Driving belt; Live roller drive belt; Tangential belt
Special Features:	Dimensionally stable; Energy saving; High modulus of elasticity; Low initial tension; Simple and fast joining method
Mode of Use/Conveyance:	Power transmission; Tangential drive

## Product Design (enlarged)



## Product Construction/Design

1 Friction cover/Pulley side (Material):	Acrylonitrile-Butadiene-Rubber (NBR)
1 Friction cover/Pulley side (Surface structure):	Rough structure
1 Friction cover/Pulley side (Color):	Black
2 Traction Layer (Material):	Aramide fabric
3 Reverse cover (Material):	Acrylonitrile-Butadiene-Rubber (NBR)
3 Reverse cover (Surface structure):	Rough structure
3 Reverse cover (Color):	Green

## Product Characteristics

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

## Technical Data

Thickness:	3.9 mm	0.15 in.
Mass of belt (belt weight):	4.1 kg/m <sup>2</sup>	0.84 lbs./sq.ft
Pulley diameter (minimum):	125 mm	5 in.
Pulley diameter minimum with counter flexion:	125 mm	5 in.
Tensile force for 1% elongation (k1% after running in) per unit of width (Habasit standard SOP3-013):	50 N/mm	286 lbs./in.
Nominal peripheral force per unit of width:	50 N/mm	286 lbs./in.
Operating temperature admissible (continuous):	Min -20 °C Max 65 °C	Min -4 °F Max 149 °F
Seamless manufacturing width:	1100 mm	43 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>	Follow the Installing and Maintenance Instructions which are supplied with each product delivery.
<b>Limitations:</b>	Do not twist or fold belt; Do not force belt on pulleys; Keep belt edges free of any installation/machine contact; 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>NAP</b>	Not applicable

## Product Liability, Application Considerations

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