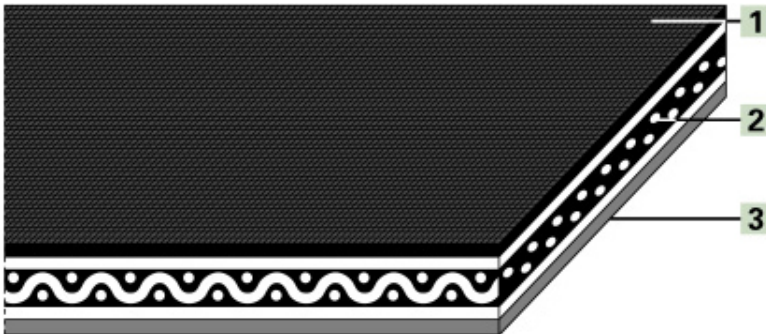


## Product Designation

Product Group:	Aramide power transmission belts
Product Sub-Group:	TF tangential/flat belts
Main Industry Segments:	Postal/mail sorting; Yarn processing
Belt Applications:	Driving belt; Tangential belt
Special Features:	Dimensionally stable; Energy saving; High modulus of elasticity; High uniformity of belt speed; Low initial tension
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):	Fine structure
3 Reverse cover (Color):	Green

## Product Characteristics

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

## Technical Data

Thickness:	2.0 mm	0.08 in.
Mass of belt (belt weight):	2.1 kg/m <sup>2</sup>	0.43 lbs./sq.ft
Pulley diameter (minimum):	30 mm	1.2 in.
Pulley diameter minimum with counter flexion:	30 mm	1.2 in.
Tensile force for 1% elongation (k1% after running in) per unit of width (Habasit standard SOP3-013):	15 N/mm	86 lbs./in.
Nominal peripheral force per unit of width:	15 N/mm	86 lbs./in.
Operating temperature admissible (continuous):	Min -20 °C Max 65 °C	Min -4 °F Max 149 °F
Seamless manufacturing width:	1200 mm	47 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

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.  
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