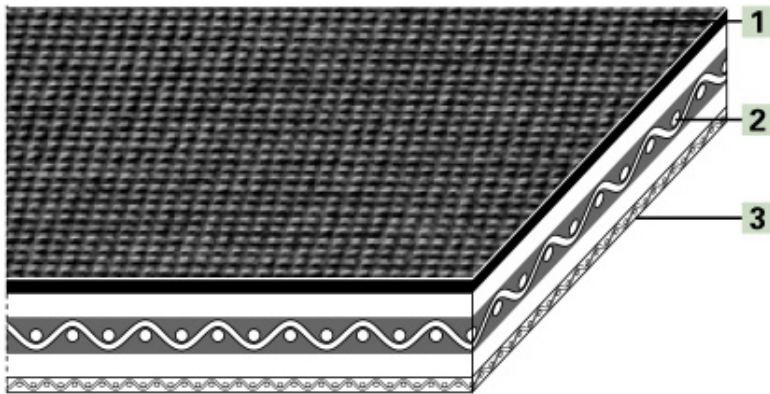


Product Designation

Product Group:	Aramide power transmission belts
Product Sub-Group:	TF flat belts
Main Industry Segments:	Electric power stations; General applications; Materials Handling; Mechanical/apparatus engineering; Metal working; Paper manufacturing and processing; Wood
Belt Applications:	Live roller drive belt; Power transmission belt
Special Features:	High modulus of elasticity; Smooth and vibration-free running
Mode of Use/Conveyance:	Live roller drive; 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):	Black
2 Traction Layer (Material):	Aramide fabric
3 Reverse cover (Material):	Polyester (PET) fabric
3 Reverse cover (Surface structure):	Fabric
3 Reverse cover (Color):	White

Product Characteristics

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

Technical Data

Thickness:	4.4 mm	0.17 in.
Mass of belt (belt weight):	4.5 kg/m ²	0.92 lbs./sq.ft
Pulley diameter (minimum):	mm	8 in.
Pulley diameter minimum with counter flexion:	200 mm	8 in.
Tensile force for 1% elongation (k1% after running in) per unit of width (Habasit standard SOP3-013):	75 N/mm	428 lbs./in.
Nominal peripheral force per unit of width:	75 N/mm	428 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

Chemical Resistance Class:	2 (These indications are not guarantees of properties)
Installation and Handling Instructions:	Follow the Installing and Maintenance Instructions which are supplied with each product delivery.
Limitations:	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

EEC	European Economic Community
NA	Not available
NAP	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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