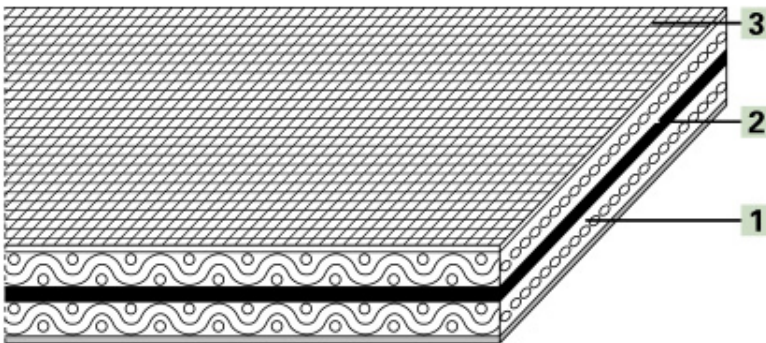


Product Designation

Product Group:	Polyamide power transmission belts
Product Sub-Group:	S tangential/flat belts
Main Industry Segments:	Yarn processing
Belt Applications:	Ring spinning frames; twisters and texturing machines; Tangential belt
Special Features:	Abrasion resistant; Constant coefficient of friction; Dimensionally stable
Mode of Use/Conveyance:	Tangential drive

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):	Yellow
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):	Green

Product Characteristics

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

Technical Data

Thickness:	4.0 mm	0.16 in.
Mass of belt (belt weight):	4.7 kg/m ²	0.96 lbs./sq.ft
Pulley diameter minimum without or with counter flecion:	150 mm	6 in.
Tensile force for 1% elongation (k1% after running in) per unit of width (Habasit standard SOP3-013):	14 N/mm	80 lbs./in.
Nominal peripheral force per unit of width:	38 N/mm	217 lbs./in.
Operating temperature admissible (continuous):	Min -20 °C Max 100 °C	Min -4 °F Max 212 °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

Chemical Resistance Class:	2 (These indications are not guarantees of properties)
Installation and Handling Instructions:	Observe the indications of the machine handbook from the machine manufacturers.
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

Disclaimer

Product Application Disclaimer (valid for ALL Habasit products and mentioned on all PDS)

This disclaimer is made by and on behalf of Habasit and its affiliated companies, directors, employees, agents and contractors (hereinafter collectively "HABASIT") with respect to the products referred to herein (the "Products").

SAFETY WARNINGS SHOULD BE READ CAREFULLY AND ANY RECOMMENDED SAFETY PRECAUTIONS BE FOLLOWED STRICTLY! Please refer to the Safety Warnings herein, in the Habasit catalogue as well as installation and operating manuals. All indications / information as to the application, use and performance of the Products are recommendations provided with due diligence and care, but no representations or warranties of any kind are made as to their completeness, accuracy or suitability for a particular purpose. The data provided herein are based on laboratory application with small-scale test equipment, running at standard conditions, and do not necessarily match product performance in industrial use. New knowledge and experience may lead to re-assessments and modifications within a short period of time and without prior notice.

EXCEPT AS EXPLICITLY WARRANTED BY HABASIT, WHICH WARRANTIES ARE EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, THE PRODUCTS ARE PROVIDED "AS IS". HABASIT DISCLAIMS ALL OTHER WARRANTIES, EITHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, NON-INFRINGEMENT, OR ARISING FROM A COURSE OF DEALING, USAGE, OR TRADE PRACTICE, ALL OF WHICH ARE HEREBY EXCLUDED TO THE EXTENT ALLOWED BY APPLICABLE LAW. BECAUSE CONDITIONS OF USE IN INDUSTRIAL APPLICATION ARE OUTSIDE OF HABASIT'S CONTROL, HABASIT DOES NOT ASSUME ANY LIABILITY CONCERNING THE SUITABILITY AND PROCESS ABILITY OF THE PRODUCTS, INCLUDING INDICATIONS ON PROCESS RESULTS AND OUTPUT.