

Product Designation

Product Group: Aramide power transmission belts		
Product Sub-Group:	TF flat belts	
Main Industry Segments:	Electric power stations; 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)
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)/Cotton (CO) fabric as friction cover (reverse side)
3	Reverse cover (Surface structure):	Fabric
3	Reverse cover (Color):	Green

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):	4.6 kg/m ²	0.94 lbs./sq.ft
Pulley diameter (minimum):	mm	8 in.
Pulley diameter minimum with counter flection:	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

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