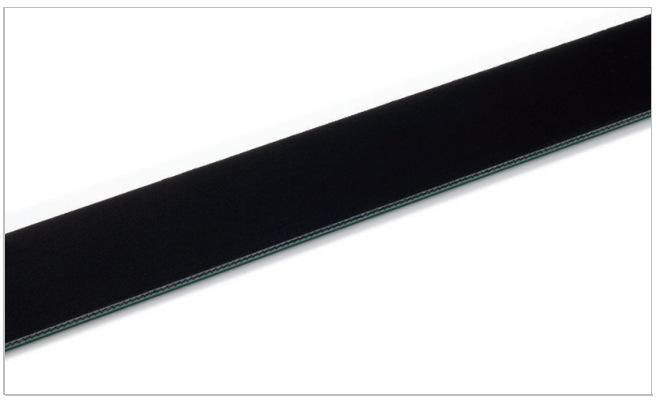
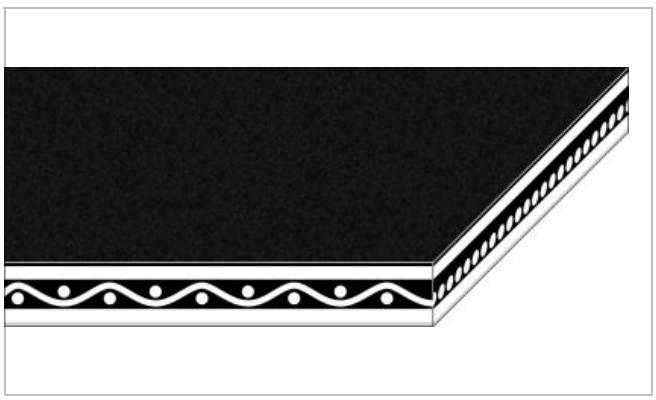
Power Transmission Belts
TF-10

Main industry segments
Letter sorting, Yarn processing

Applications
Driving belt, Tangential belt

Special features
Abrasion resistant, Dimensionally stable, Energy saving, High modulus of elasticity, High uniformity of belt speed, Low initial tension, Simple and fast joining method





Product Construction / Design	
Pulley side material	Acrylonitrile-Butadiene-Rubber (NBR)
Pulley side surface	Fine textile structure
Pulley side color	Black
Traction layer (material)	Aramid fabric
Number of Fabrics	1
Opposite side material	Acrylonitrile-Butadiene-Rubber (NBR) as friction cover (whirl side)
Opposite side surface	Fine textile structure
Opposite side color	Green

Product characteristics	
Drive determination	Double-sided power transmission
Antistatically equipped	Yes
Adhesive free joining method	Yes
Food suitability, FDA conformance	No
Food suitability, EU conformance	No

Technical data				
Thickness of belt	1.7	mm	*0.07*	*inch*
Mass of belt (belt weight)	1.8	kg/m²	*0.358*	*lb/sqft*
Tensile force for 1% elongation (k1% after running in) per unit of width (Habasit standard SOP3-013)	10	N/mm	*57*	*lbf/in*
Nominal peripheral force per unit of width	10	N/mm	*57*	*lbf/in*
Min. operating temperature admissible (continuous)	-20	°C	*-4*	*°F*
Max. operating temperature admissible (continuous)	65	°C	*149*	*°F*
Seamless manufacturing width	1100	mm	*43.31*	*inch*

All data are approximate values under standard climatic conditions: 23°C/73°F, 50% relative humidity (DIN 50005/ISO 554).

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Joining related properties
Link to JDS:

Joining method		Flexproof 10 x 120
Pulley diameter (minimum)	mm *inch*	25 *0.98*
Pulley diameter minimum with counter flection	mm *inch*	25 *0.98*

Chemical resistance
Link to 'Chemical resistance information': https://rims.habasit.com

REACH
This product contains more than 0.1% of the following substance(s) of very high concern (SVHC) and is (are) included in the Candidate List. Further information is available from your Habasit representation.
Substance(s): 6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol

Mode of use or conveyance
Power transmission, Tangential drive

Calculations
With power transmission belts a calculation at least of the belt width and initial elongation is highly recommended. For this serves the Habasit SeleCalc calculation program. The easiest way is to have belt drives calculated by Habasit representatives.

Recommendation
Follow the Installing and Maintenance Instructions which are supplied with each product delivery

Store spare belts in a cool and dry place and if possible in their original packaging. Protect spare belts from sunlight/UV-radiation/dust/dirt! Check Link for Storage requirements:
"https://tdm.habasit.com/pds/en-us/Storage%20of%20Habasit%20material.pdf"

Do not force belt on pulleys, Do not twist or fold belt, 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 2014/34/EU) and therefore is subject to user's analysis in the respective environment

Group	Aramid Power Transmission Belts
Sub-Group	TF Aramid Power Transmission Belts
Item number	H010100168