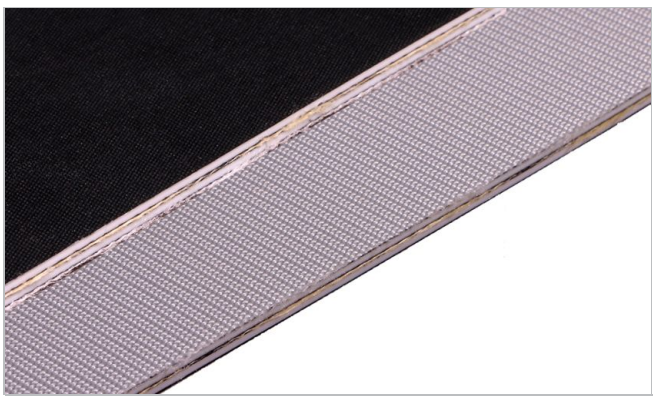
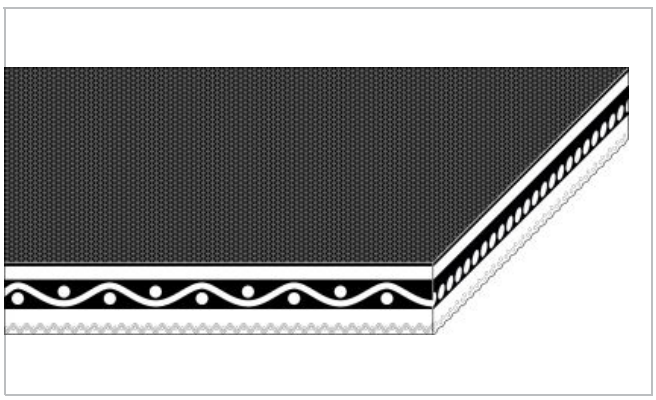
Power Transmission Belts
TF-75TE

Main industry segments
Distribution centers, Paper manufacturing and processing, Wood panel and boards

Applications
Live roller drive belt, Power transmission belt

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





Product Construction / Design	
Pulley side material	Acrylonitrile-Butadiene-Rubber (NBR) as friction cover (pulley/cylinder side)
Pulley side surface	Rough structure
Pulley side color	Black
Traction layer (material)	Aramid fabric
Number of Fabrics	2
Opposite side material	Polyester (PET)
Opposite side surface	Fabric
Opposite side color	White

Product characteristics	
Drive determination	One-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	4.4	mm	*0.17*	*inch*
Mass of belt (belt weight)	4.5	kg/m²	*0.922*	*lb/sqft*
Tensile force for 1% elongation (k1% after running in) per unit of width (Habasit standard SOP3-013)	75	N/mm	*428*	*lbf/in*
Nominal peripheral force per unit of width	75	N/mm	*428*	*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*	200 *7.87*
Pulley diameter minimum with counter flection	mm *inch*	200 *7.87*

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

Mode of use or conveyance
Live roller drive, Power transmission

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"

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	H010100182