

# Power Transmission Belts

## TF-15H



### Main industry segments

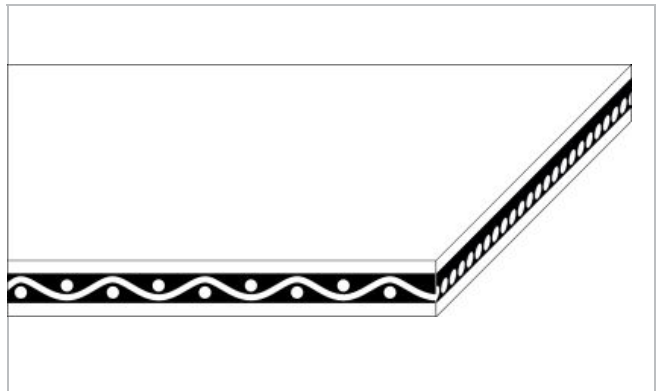
Letter sorting, Paper printing and finishing

### Applications

Driving belt, Live roller drive belt

### Special features

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



Product Construction / Design	
Pulley side material	Hamid
Pulley side surface	Fine textile structure
Pulley side color	White
Traction layer (material)	Aramid fabric
Number of Fabrics	1
Opposite side material	Hamid
Opposite side surface	Fine textile structure
Opposite side color	White

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	1.5 mm	0.06 inch
Mass of belt (belt weight)	1.6 kg/m <sup>2</sup>	0.328 lb/sqft
Tensile force for 1% elongation (k1% after running in) per unit of width (Habasit standard SOP3-013)	15 N/mm	86 lbf/in
Nominal peripheral force per unit of width	15 N/mm	86 lbf/in
Min. operating temperature admissible (continuous)	-20 °C	-4 °F
Max. operating temperature admissible (continuous)	65 °C	149 °F
Seamless manufacturing width	1140 mm	44.88 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 <i>inch</i>	30 <i>1.18</i>
Pulley diameter minimum with counter flection	mm <i>inch</i>	30 <i>1.18</i>

### Chemical resistance

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

### Mode of use or conveyance

Horizontal, Inclined, Serpentine drives, Vertical

### Calculations

For most applications calculation is not required. Should you still need a calculation: please ask Habasit.

### Recommendation

Do not exceed 1% elongation, Do not go below initial elongation (epsilon) ~ 0.3%, Install the slack belt and tension until running perfectly under the full belt load

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"](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	H010100275

### Disclaimer

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