

# Power Transmission Belts

## TF-10



### Main industry segments

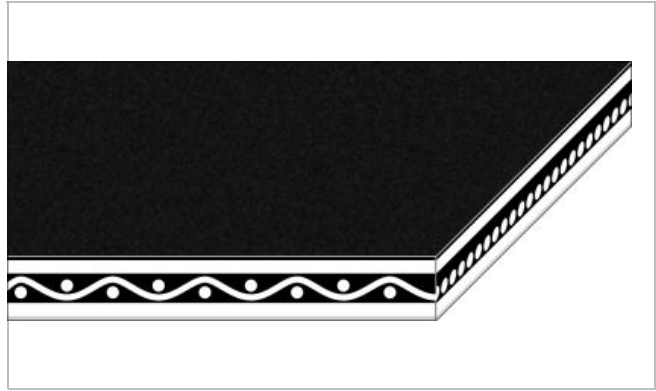
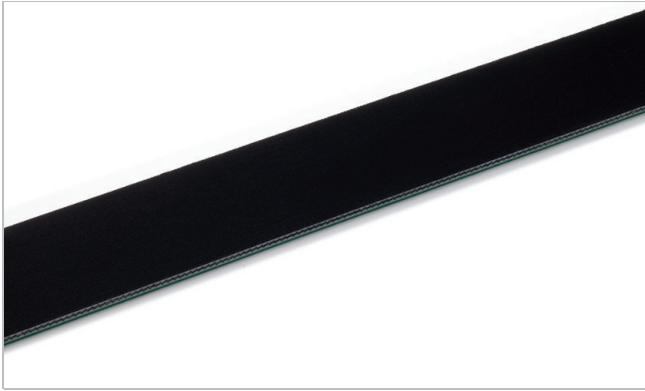
Letter sorting, Yarn processing

### 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/m <sup>2</sup>	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).

