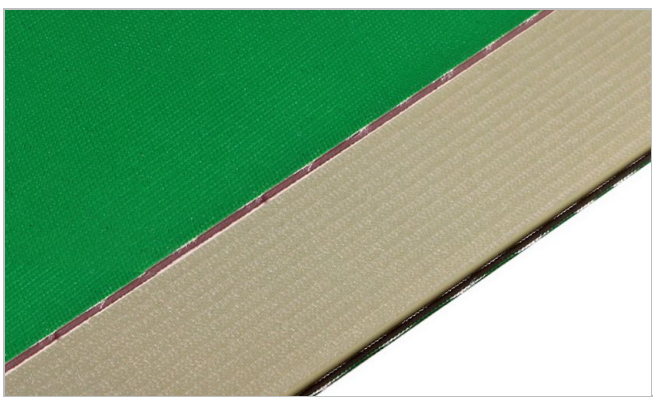
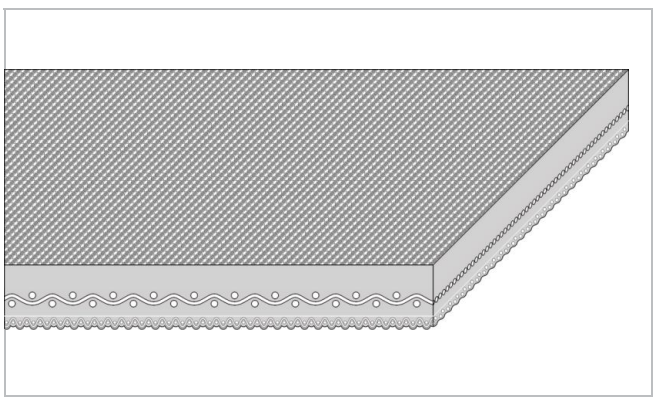
Processing Belts
ENT-18PHFP

Main industry segments
Automotive components, Leather, Various industries

Applications
Punching belt

Special features
Abrasion resistant, Cut resistant





Product Construction / Design	
Conveying side material	Polyamide (PA)
Conveying side surface	Fine textile structure
Conveying side property	Non-adhesive
Conveying side color	Off-white
Traction layer (material)	Polyamide (PA)
Number of Fabrics	2
Pulley side material	Acrylonitrile-Butadiene-Rubber (NBR)
Pulley side surface	Impregnated fabric
Pulley side color	Green (Habasit green)

Product characteristics	
Antistatically equipped	Yes
Adhesive free joining method	No
Flammability	No specific flammability prevention property
Food suitability, FDA conformance	No
Food suitability, EU conformance	No

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Technical data				
Thickness of belt	3.0	mm	*0.118*	*inch*
Mass of belt (belt weight)	3.2	kg/m²	*0.655*	*lb/sqft*
Tensile force for 1% elongation (k1% static) per unit of width (Habasit standard SOP3-155)	53	N/mm	*303*	*lbf/in*
Tensile force for 1% elongation after relaxation (k1% relaxed) per unit of width (Habasit Standard SOP3-155 / EN ISO 21181)	18	N/mm	*103*	*lbf/in*
Min. operating temperature admissible (continuous)	-20	°C	*-4*	*°F*
Max. operating temperature admissible (continuous)	100	°C	*212*	*°F*
Coefficient of friction (pulley side / driving pulley with friction cover)	0.35	-		
Seamless manufacturing width	2400	mm	*94.49*	*inch*

Joining related properties

Joining method	
Thermofix 90°	Master joining method for standard applications

Link to JDS:

Joining method		Thermofix 90°
Pulley diameter (minimum)	mm *inch*	200 *7.87*
Slider bed suitable		Yes
Carrying rollers suitable		Yes
Troughed installation suitable		No
Powerturns / curved installations		No
Knife-edge (nosebar) suitable		No
Low noise applications		No
Designed for metal detector transparency		No

All data are approximate values under standard climatic conditions: 23°C/73°F, 50% relative humidity (DIN 50005/ISO 554). Limited representative testing based on a standard configuration is carried out to estimate minimum pulley diameters. Please contact Habasit for specific guidance regarding non-standard applications, including, but not exclusively, when profiles or cleats are used, or if the belt working temperature is close to the limits listed in this document.

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

Mode of use or conveyance
Horizontal

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

Recommendation
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"

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	Punching Belts
	-
Item number	H950040025

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