

Power Transmission Belts

CM-18/30F



Main industry segments

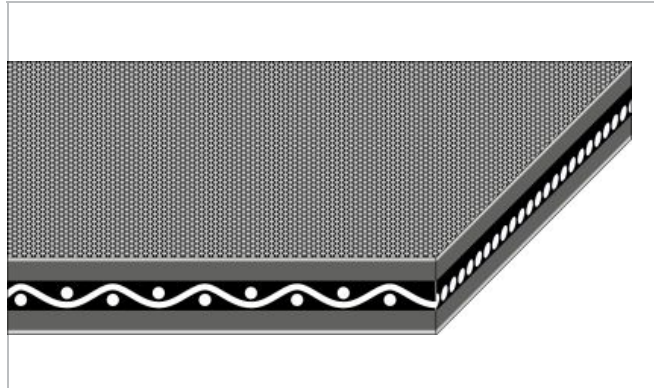
Distribution centers

Applications

Folder-gluer belt, Live roller drive belt

Special features

Abrasion resistant, Adhesive-free joint, Constant coefficient of friction, Dimensionally stable, Longitudinal flexibility, Robustness



Product Construction / Design	
Pulley side material	Acrylonitrile-Butadiene-Rubber (NBR)
Pulley side surface	Rough structure
Pulley side color	Green
Traction layer (material)	Polyester (PET)
Number of Fabrics	1
Opposite side material	Acrylonitrile-Butadiene-Rubber (NBR)
Opposite side surface	Rough 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	3.2 mm	0.13 inch
Mass of belt (belt weight)	3.2 kg/m ²	0.655 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	35 N/mm	200 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 80
Pulley diameter (minimum)	mm <i>inch</i>	70 2.76
Pulley diameter minimum with counter flection	mm <i>inch</i>	70 2.76

Chemical resistance

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

Mode of use or conveyance

Live roller drive

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) ~ 0.5%, 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	Polyester Power Transmission Belts
Sub-Group	TC Polyester Power Transmission Belts
Item number	H010100398

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