

Heavy Conveyor Belts PM220PA-G



Only for Habasit America, Only for Habasit America, Habasit GmbH (Austria), Habasit East Asia Ltd. - China and Habasit Canada Ltd.

Main industry segments

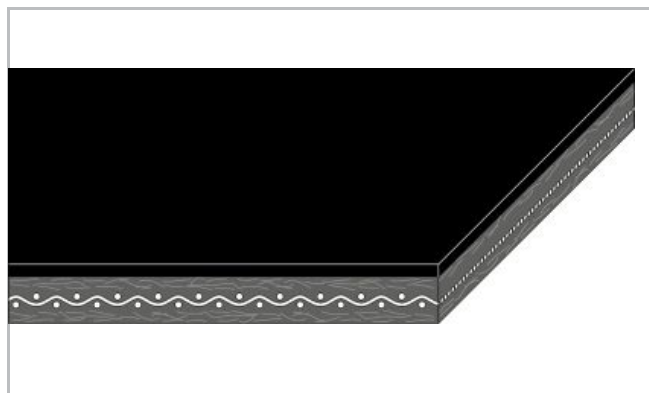
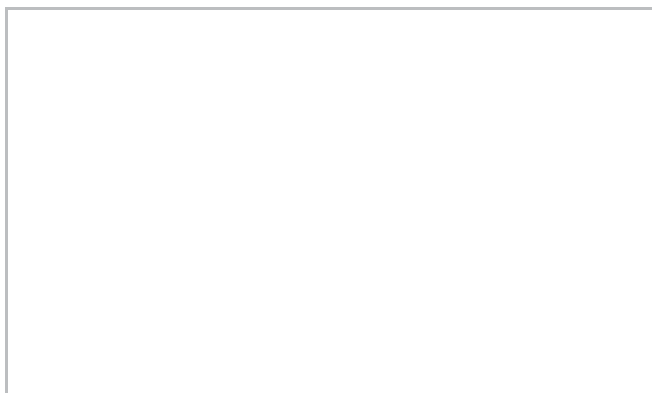
Metal working, Wood, Wood processing

Applications

Abrasive applications, Lumber slowdown, Metal and plastic parts

Special features

Abrasion resistant, Cut resistant, Flat laying, Good lace retention, Low noise applications, Non-marking, Oil resistant, Shock absorbent, Tracking behavior, Wear resistant



Product Construction / Design	
Conveying side material	Thermoplastic Alloy
Conveying side surface	Smooth
Conveying side property	Adhesive
Conveying side color	Green
Traction layer (material)	Polyester (PET) scrim
Number of Fabrics	0
Pulley side material	Polyester (PET) scrim
Pulley side surface	Fabric
Pulley side color	Black

Product characteristics	
Antistatically equipped	No
Flammability	No specific flammability prevention property
Food suitability, FDA conformance	No
Food suitability, USDA recommendations	No use intended

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Technical data			
Thickness of belt	6.9	mm	0.27 inch
Mass of belt (belt weight)	5.1	kg/m ²	1.045 lb/sqft
Tensile force for 1% elongation (k1% static) per unit of width (Habasit standard SOP3-155):	18	N/mm	103 lbf/in
Tensile force for 1% elongation after relaxation (k1% relaxed) per unit of width (Habasit Standard SOP3-155 / EN ISO 21181):	7.0	N/mm	40 lbf/in
Min. operating temperature admissible (continuous)	-12	°C	10 °F
Max. operating temperature admissible (continuous)	80	°C	176 °F
Coefficient of friction (running side / steel driving pulley)	0.15	-	
Coefficient of friction (running side / driving pulley with friction cover)	0.35	-	
Coefficient of friction (running side / stainless steel slider bed)	0.30	-	
Seamless manufacturing width	1829	mm	72 inch

Joining related properties

Link to JDS:

<http://pdchmp04.habasit.com/HNET/fabren.nsf/vwGetJDS?OpenView&productCode=PM220PA-G>

Joining method	Unit	Alligator #35	
Pulley diameter (minimum)	mm	127	127
	inch	5.00	5.00
Pulley diameter minimum with counter flection	mm	152	152
	inch	6.00	6.00
Carrying rollers suitable		Yes	Yes
Troughed installation suitable		No	No
Power turns / curved installations		No	No

All data are approximate values under standard climatic conditions: 23°C/73°F, 50% relative humidity (DIN 50005/ISO 554).

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Chemical resistance

Link to 'Chemical resistance information': <http://www.habasit.com/en/chemical-resistance.htm>

Mode of use or conveyance

Horizontal

Calculations

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

Recommendation

Install the slack belt and tension until running perfectly under the full belt load

For details consult 'Storage and handling requirements for belts and machine tapes' or contact Habasit, Protect belts from sunlight/UV-radiation/dust and dirt. Store spare belts in a cool and dry place and if possible in their original packaging.

Group	Nonwoven Belts
Sub-Group	Rubber Saturated Ulti-Mate Belts
Item number	H250000778
Customs tariff number	56031400

Disclaimer

Product Application Disclaimer (valid for ALL Habasit products and mentioned on all PDS)

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