

HabaFLOW Product Data Sheet

A120CRES-B



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Belting And Chain

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Product Designation

Product Group:	PVC conveyor and processing belts
Product Sub-Group:	Allveyor belts for general conveying
Main Industry Segments:	Agri-/horticulture; Distribution centers; Farming; General conveyor systems; Parcel sorting
Belt Applications:	Conveyor belt; Decline belt; Incline belt
Special Features:	Economical; Temperature variation resistant
Mode of Use/Conveyance:	Declined; Horizontal; Inclined; Troughed

Product Design (enlarged)



Product Construction/Design

1 Conveying Side (Material):	Polyvinylchloride (PVC)
1 Conveying Side (Surface):	Crescent top structure
1 Conveying Side (Property):	Adhesive
1 Conveying Side (Color):	Black
2 Traction Layer (Material):	Polyester (PET) fabric
Number of Fabrics:	1
3 Running Side/Pulley Side (Material):	Polyester fabric (PET) impregnated with polyvinylchloride (PVC)
3 Running Side/Pulley Side (Surface):	Fabric
3 Running Side/Pulley Side (Color):	Black

Product Characteristics

Slider bed suitable:	Yes
Carrying rollers suitable:	Yes
Power turns, curved installations:	No
Nosebar suitable:	No
Antistatically equipped:	No
Metal detector suitable:	No
Flammability:	No specific flammability prevention property
Food suitability FDA:	No use intended
Food suitability USDA:	No use intended
Food suitability EU:	

Technical Data

Thickness:	6.1 mm	0.240 in.
Mass of belt (belt weight):	4.9 kg/m ²	1.00 lbs./sq.ft
Nosebar Radius (minimum):	- mm	- in.
Pulley diameter (minimum):	90 mm	3.5 in.
Pulley diameter minimum with counter flexion:	115 mm	4.5 in.
Admissible tensile force per unit of width:	21 N/mm	120 lbs./in.
Operating temperature admissible (continuous):	Min -23 °C Max 82 °C	Min -10 °F Max 180 °F
Coefficient of friction on slider bed of pickled steel sheet:	- [-]	[-]
Seamless manufacturing width:	1828.8 mm	72 in.

All data are approximate values under standard climatic conditions: 23°C/73°F, 50% relative humidity, per ASTM standards, and are based on the Master Joining Method.

Additional Technical Information

Chemical Resistance Class:	3 (These indications are not guarantees of properties)
Installation and Handling Instructions:	Do not go below initial elongation (epsilon) ~0.5%.; Install the slack belt and tension until running perfectly under the full belt load.
Limitations:	No dangers and limitations

Storage

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.

Legend

*	No calculation Value
2)	Product containing different coating materials such as elastomer, natural fibers, silicones, etc., are not subject to the directive 2002/72/EC
3)	CLA: Coordination of the centre line-average value Ra (in the US also Arithmetical Average (AA)) to the maximum peak to valley height Rt for surfaces manufactured by chip removal. German federal institute for risk assessment (Bundesinstitut fuer Risikobewertung)
EEC	European Economic Community
EU	European Union (Directive 2002/72/EC)
FDA	Food and Drug Administration
NA	Not available
NAP	Not applicable
USDA	United States Department of Agriculture (Food Safety and Inspection Service, Washington D.C.)

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