

Product Data Sheet XVT-2238



Your Source For Habasit
Belting And Chain

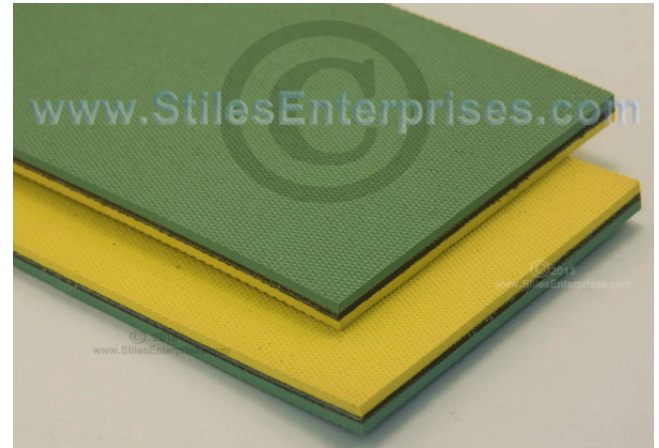
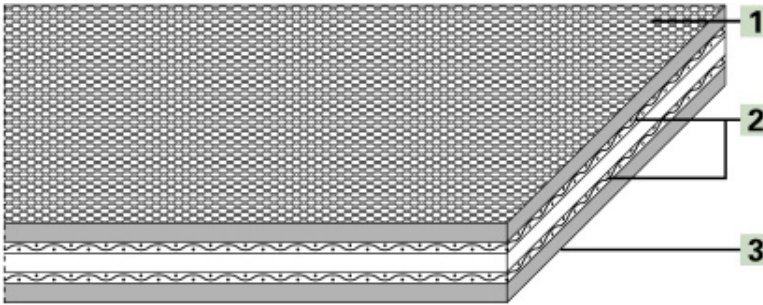
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Product Designation

Product Group:	Polyamide folder-gluer belts
Product Sub-Group:	S polyamide folder-gluer belts
Main Industry Segments:	Paper converting; Box making/folder gluer; Paper manufacturing
Belt Applications:	Folder-gluer belt
Special Features:	Constant coefficient of friction; Constant grip and release property; Forgiving in case of short term shock like overloads
Mode of Use/Conveyance:	Declined; Horizontal; Inclined; Troughed; Twists with short center distance; Vertical

Product Design (enlarged)



Product Construction/Design

1 Conveying Side (Material):	Acrylonitrile-Butadiene-Rubber (NBR)
1 Conveying Side (Surface):	Rough structure
1 Conveying Side (Property):	Adhesive
1 Conveying Side (Color):	Light green
2 Traction Layer (Material):	Polyamide (PA)
Number of Fabrics:	2
3 Running Side/Pulley Side (Material):	Acrylonitrile-Butadiene-Rubber (NBR)
3 Running Side/Pulley Side (Surface):	Rough structure
3 Running Side/Pulley Side Property:	Adhesive
3 Running Side/Pulley Side (Color):	Yellow

Product Characteristics

Slider bed suitable:	No
Carrying rollers suitable:	Yes
Troughed installation suitable:	No
Antistatically equipped:	

Technical Data

Thickness:	4.0 mm	0.16 in.
Mass of belt (belt weight):	4.5 kg/m ²	0.92 lbs./sq.ft
Pulley diameter (minimum):	mm	in.
Pulley diameter minimum with counter flexion:	40 mm	1.6 in.
Tensile force for 1% elongation (k1% after running in) per unit of width (Habasit standard SOP3-013):	5 N/mm	29 lbs./in.
Admissible tensile force per unit of width:	N/mm	lbs./in.
Operating temperature admissible (continuous):	Min 0 °C Max 60 °C	Min 32 °F Max 140 °F
Coefficient of friction of driving pulley of steel:	[-]	[-]
Seamless manufacturing width:	1200 mm	47 in.

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

Additional Technical Information

Chemical Resistance Class:	2 (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:	dmin >=50mm in case belt speed > 300m/min; Keep belt edges free of any installation/machine contact; This product has not been tested according to ATEX standards (atmospheres with explosion risk - ATEX 95 regulation or EU directive 94/9) and therefore is subject to user's analysis in the respective environment.

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
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.
8)	Due to high coefficient of friction of running/pulley side, the suitability for use on slider beds is limited
EEC	European Economic Community
NA	Not available
NAP	Not applicable

Product Liability, Application Considerations

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