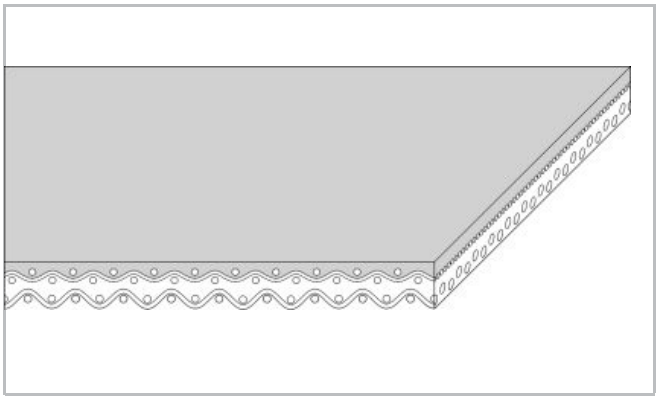
Light Conveyor Belts
NAB-11EEPV

Applications
Infeed belt, Inserting belt, Inspection/control belt

Special features
Metal detection units suitable



Product Construction / Design	
Conveying side material	Polyvinylchloride (PVC)
Conveying side surface	Smooth
Conveying side property	Adhesive
Conveying side color	Apple green
Traction layer (material)	Polyester (PET)
Number of Fabrics	2
Pulley side material	Polyester (PET)
Pulley side surface	Fabric
Pulley side property	Non-adhesive
Pulley side color	White

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

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Technical data				
Thickness of belt	2.6	mm	*0.10*	*inch*
Mass of belt (belt weight)	3.0	kg/m²	*0.614*	*lb/sqft*
Tensile force for 1% elongation (k1% static) per unit of width (Habasit standard SOP3-155)	10	N/mm	*57*	*lbf/in*
Tensile force for 1% elongation after relaxation (k1% relaxed) per unit of width (Habasit Standard SOP3-155 / EN ISO 21181)	6.5	N/mm	*37*	*lbf/in*
Min. operating temperature admissible (continuous)	-10	°C	*14*	*°F*
Max. operating temperature admissible (continuous)	70	°C	*158*	*°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 / pickled steel slider bed)	0.25	-		
Coefficient of friction (running side / phenolic resin slider bed)	0.15	-		
Coefficient of friction (running side / stainless steel slider bed)	0.15	-		
Seamless manufacturing width	3100	mm	*122*	*inch*

Joining related properties

Joining method	
Flexproof 10 x 80	Master joining method for standard applications

Link to JDS:

Joining method		Flexproof 10 x 80
Pulley diameter (minimum)	mm *inch*	50 *1.97*
Pulley diameter minimum with counter flection	mm *inch*	50 *1.97*
Admissible tensile force per unit of width	N/mm *lbf/in*	16 *91*
Admissible tensile force per unit of width at max. operating temperature	N/mm *lbf/in*	11 *63*
Slider bed suitable		Yes
Carrying rollers suitable		Yes
Troughed installation suitable		No
Power turns / curved installations		No
Nosebar suitable		No
Low noise applications		No
Metal detector suitable		Yes

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

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
Do not go below initial elongation (epsilon) ~ 0.3%

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.

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

Group	PVC Belts
Sub-Group	General Purpose Conveyor Belts
Item number	H100066166