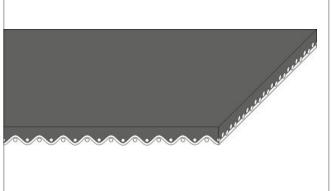
Light Conveyor Belts NAB-5EEDV







Product Construction / Design				
Conveying side material	Polyvinylchloride (PVC)			
Conveying side surface	Smooth			
Conveying side property	Adhesive			
Conveying side color	Dark green			
Traction layer (material)	Polyester (PET)			
Number of Fabrics	1			
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			

Light Conveyor Belts NAB-5EEDV



Technical data				
Thickness of belt	1.00	mm	0.04	inch
Mass of belt (belt weight)	1.2	kg/m²	0.246	lb/sqft
Tensile force for 1% elongation (k1% static) per unit of width (Habasit standard SOP3-155)	7.0	N/mm	40	lbf/in
Tensile force for 1% elongation after relaxation (k1% relaxed) per unit of width (Habasit Standard SOP3-155 / EN ISO 21181)	4.2	N/mm	24	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	3000	mm	118	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	20
	inch	0.79
Pulley diameter minimum with	mm	20
counter flection	inch	0.79
Admissible tensile force per unit	N/mm	8.0
of width	lbf/in	46
Admissible tensile force per unit	N/mm	5.0
of width at max. operating	lbf/in	29
temperature		
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).

Light Conveyor Belts NAR-5FFDV



Chemical resistance

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

Mode of use or conveyance

Horizontal, Inclined

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

PVC Belts Group

Sub-Group General Purpose Conveyor Belts

Item number H100066210

Disclaimer

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

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