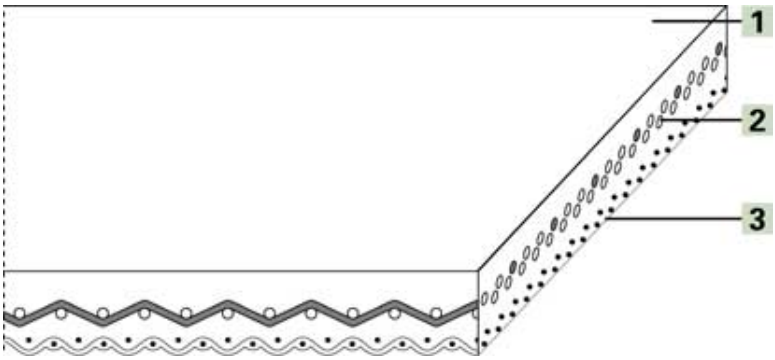
HabaFLOW Product Data Sheet
CNB-6EB

Product Designation

Product Group:	TPO conveyor and processing belts
Product Sub-Group:	Cleanline
Main Industry Segments:	Bakery (biscuit/cookie); Bakery (bread); Cheese; Chocolate/confectionery; Fish processing; Food unwrapped/open; Meat; Poultry; Vegetables
Belt Applications:	Cooling (line) belt; Inspection/control belt; Metering/singulation belt; Packaging belt; Power turn belt; Transfer belt; Weighing belt
Special Features:	Easy cleanability; Easy release property; Hydrolysis resistant; Nosebar suitable; Powerturn suitable; Smooth and pore-free belt surface; Taste neutral
Mode of Use/Conveyance:	Horizontal; Inclined

Product Design (enlarged)



Product Construction/Design

1	**Conveying Side (Material):**	Habilene
1	**Conveying Side (Surface):**	Smooth
1	**Conveying Side (Property):**	Non-adhesive
1	**Conveying Side (Color):**	White
2	**Traction Layer (Material):**	Polyester (PET) fabric
	Number of Fabrics:	2
3	**Running Side/Pulley Side (Material):**	Polyester (PET) fabric
3	**Running Side/Pulley Side (Surface):**	Impregnated fabric
3	**Running Side/Pulley Side (Color):**	White

Product Characteristics

Slider bed suitable:	Yes
Carrying rollers suitable:	Yes
Power turns, curved installations:	Yes
Nosebar suitable:	Yes
Low noise applications:	No
Permanently antistatic:	Yes
Metal detector suitable:	Yes
Flammability:	No specific flammability prevention property
Food suitability, FDA conformance:	Yes
Food suitability, USDA recommendations:	Conformable 1)
Food suitability, EU conformance:	Yes (directive 2002/72/EEC)

Technical Data

Thickness:	1.05 mm	*0.04 in.*
Mass of belt (belt weight):	1.1 kg/m²	*0.23 lbs./sq.ft*
Nosebar Radius (minimum):	2 mm	*0.08 in.*
Pulley diameter (minimum):	15 mm	*0.6 in.*
Pulley diameter minimum with counter flection:	20 mm	*0.8 in.*
Tensile force for 1% elongation (k1% static) per unit of width (Habasit standard SOP3-064):	4.5 N/mm	*26 lbs./in.*
Tensile force for 1% elongation after relaxation (k1% relaxed) per unit of width (Habasit Standard SOP3-155 / EN ISO 21181):	3.5 N/mm	*20 lbs./in.*
Admissible tensile force per unit of width:	8 N/mm	*46 lbs./in.*
Operating temperature admissible (continuous):	Min -40 °C Max 80 °C	*Min -40 °F* *Max 176 °F*
Coefficient of friction on slider bed of pickled steel sheet:	0.20 [-]	*0.2 [-]*
Seamless manufacturing width:	2400 mm	*94 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:	10 (These indications are not guarantees of properties)
Installation and Handling Instructions:	Do not go below initial elongation (epsilon) ~ 0.3%; Install the slack belt and tension until running perfectly under the full belt load.
Limitations:	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.

Legend

*****	No calculation Value
1)	No further authoritative acceptance since elimination of prior approval procedure of September 24, 1997, from USDA authority
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.
8)	Due to high coefficient of friction of running/pulley side, the suitability for use on slider beds is limited
BfR	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.)
JFRL	Japan Food Research Laboratory

Product Liability, Application Considerations

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