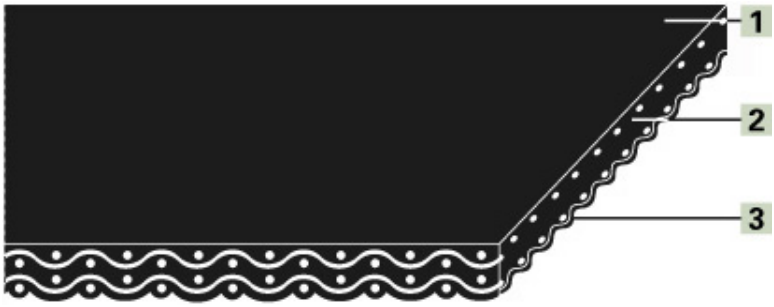
Habasit Product Data Sheet
ENT-6EE

Product Designation

Product Group:	Extraline conveyor and processing belts
Product Sub-Group:	Crosslapper belts
Main Industry Segments:	Non-wovens
Belt Applications:	Crosslapper belt
Special Features:	Abrasion resistant; Electrically conductive surface; Low belt weight; Ultimate chemical resistance
Mode of Use/Conveyance:	Declined; Horizontal; Inclined

Product Design (enlarged)



Product Construction/Design

1	**Conveying Side (Material):**	Polymer cross-linked
1	**Conveying Side (Surface):**	Impregnated fabric
1	**Conveying Side (Property):**	Non-adhesive
1	**Conveying Side (Color):**	Black
2	**Traction Layer (Material):**	Polyester (PET)
	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):**	Black

Product Characteristics

Slider bed suitable:	Yes
Carrying rollers suitable:	No
Troughed installation suitable:	No
Power turns, curved installations:	No
Nosebar suitable:	No
Low noise applications:	No
Antistatically equipped:	Yes - fulfills EN 12882
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:	No

Technical Data

Thickness:	0.8 mm	*0.03 in.*
Mass of belt (belt weight):	0.7 kg/m²	*0.14 lbs./sq.ft*
Nosebar Radius (minimum):	NA mm	*NA in.*
Pulley diameter minimum without or with counter flection:	50 mm	*2 in.*
Tensile force for 1% elongation (k1% static) per unit of width (Habasit Standard SOP3-155 / EN ISO21181):	5.5 N/mm	*31 lbs./in.*
Tensile force for 1% elongation after relaxation (k1% relaxed) per unit of width (Habasit Standard SOP3-155 / EN ISO 21181):	4 N/mm	*23 lbs./in.*
Admissible tensile force per unit of width:	10 N/mm	*57 lbs./in.*
Operating temperature admissible (continuous):	Min -10 °C Max 70 °C	*Min 14 °F* *Max 158 °F*
Coefficient of friction on slider bed of pickled steel sheet:	0.15 [-]	*0.15 [-]*
Seamless manufacturing width:	4000 mm	*157 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:	6 (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:	A perfect tracking of the crosslapper belt after the installation is absolutely necessary otherwise the belt edges could get damaged.; Do not use this belt on older and low speed machines.; 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

	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

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