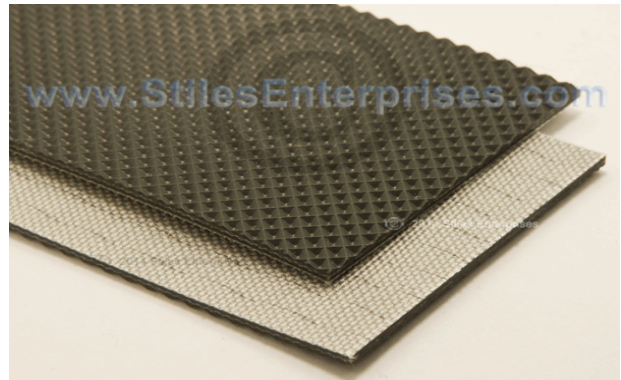
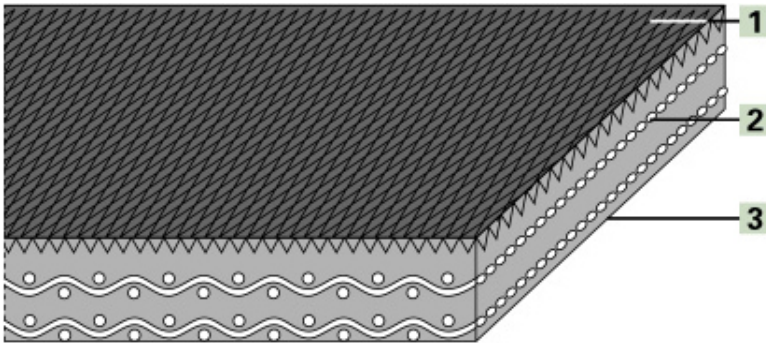


Habasit Product Data Sheet SAW-5E 07

Product Designation

Product Group:	PVC conveyor and processing belts
Product Sub-Group:	Standard conveyor belts
Main Industry Segments:	Distribution centers; Materials Handling; Parcel sorting; Postal/mail sorting
Belt Applications:	Gapping belt; General conveying belt; Induction belt; Sorting belt; Transfer belt
Special Features:	High grip surface
Mode of Use/Conveyance:	Horizontal

Product Design (enlarged)



Product Construction/Design

1 Conveying Side (Material):	Polyvinylchloride (PVC)
1 Conveying Side (Surface):	Waffle structure
1 Conveying Side (Property):	Adhesive
1 Conveying Side (Color):	Anthracite
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):	Light gray

Product Characteristics

Slider bed suitable:	Yes
Carrying rollers suitable:	Yes
Power turns, curved installations:	No
Nosebar suitable:	No
Antistatically equipped:	Yes
Metal detector suitable:	No
Flammability:	Classified according to UL 94HB (USA); HB= Horizontal Burning
Food suitability FDA:	No use intended
Food suitability USDA:	No use intended
Food suitability EU:	No

Technical Data

Thickness:	1.8 mm	0.07 in.
Mass of belt (belt weight):	1.8 kg/m ²	0.37 lbs./sq.ft
Nosebar Radius (minimum):	NA mm	NA in.
Pulley diameter (minimum):	20 mm	0.8 in.
Pulley diameter minimum with counter flexion:	25 mm	1 in.
Tensile force for 1% elongation (k1% static) per unit of width (Habasit Standard SOP3-155 / EN ISO21181):	6 N/mm	34 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:	9 N/mm	51 lbs./in.
Operating temperature admissible (continuous):	Min -5 °C Max 50 °C	Min 23 °F Max 122 °F
Coefficient of friction on slider bed of pickled steel sheet:	0.15 [-]	0.15 [-]
Seamless manufacturing width:	3200 mm	126 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:	3 (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.

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

Product Liability, Application Considerations

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