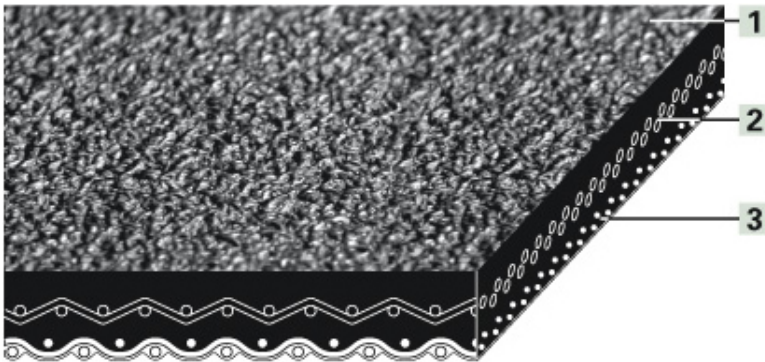


Habasit Product Data Sheet TMBE02404

Product Designation

Product Group:	Fitline conveyor belts
Product Sub-Group:	
Main Industry Segments:	Fitness
Belt Applications:	Treadmill belt
Special Features:	Maintenance-free treadmill belt
Mode of Use/Conveyance:	Horizontal

Product Design (enlarged)



Product Construction/Design

1	Conveying Side (Material):	Thermoplastic polyurethane (TPU)
1	Conveying Side (Surface):	Orange peel
1	Conveying Side (Property):	Adhesive
1	Conveying Side (Color):	Black
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):	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:	No specific flammability prevention property
Food suitability FDA:	No use intended
Food suitability USDA:	No use intended
Food suitability EU:	No

Technical Data

Thickness:	1.6 mm	0.06 in.
Mass of belt (belt weight):	1.5 kg/m ²	0.31 lbs./sq.ft
Nosebar Radius (minimum):	NAP mm	NAP in.
Pulley diameter (minimum):	40 mm	1.6 in.
Tensile force for 1% elongation (k1% static) per unit of width (Habasit Standard SOP3-155 / EN ISO21181):	7.5 N/mm	43 lbs./in.
Tensile force for 1% elongation after relaxation (k1% relaxed) per unit of width (Habasit Standard SOP3-155 / EN ISO 21181):	5 N/mm	29 lbs./in.
Operating temperature admissible (continuous):	Min °C Max °C	Min °F Max °F
Coefficient of friction on slider bed of pickled steel sheet:	[-]	[-]
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:	6 (These indications are not guarantees of properties)
Installation and Handling Instructions:	Recommended initial elongation: 0.6%.
Limitations:	

Legend

*	No calculation Value
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 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.)

Product Liability, Application Considerations

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