

HabaFLOW Product Data Sheet

R2TW-W

Product Designation

Product Group:	Domestic rubber belts
Product Sub-Group:	Food conveyor belts
Main Industry Segments:	Food conveying/processing in general
Belt Applications:	Food processing/conveying belt
Special Features:	Food suitability (FDA conform); USDA acceptable - packaged product only
Mode of Use/Conveyance:	Declined; Inclined

Product Design (enlarged)



Product Construction/Design

1 Conveying Side (Material):	Polyester (PET) scrim
1 Conveying Side (Surface):	Tyler wire structure
1 Conveying Side (Property):	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) scrim
3 Running Side/Pulley Side (Surface):	Fabric
3 Running Side/Pulley Side (Color):	White

Product Characteristics

Slider bed suitable:	Yes
Carrying rollers suitable:	Yes
Power turns, curved installations:	No
Nosebar suitable:	No
Antistatically equipped:	No
Metal detector suitable:	Yes
Flammability:	No specific flammability prevention property
Food suitability FDA:	Yes - acc. to 21CFR parts 170 - 199. Contact your Habasit representative for detailed information.
Food suitability USDA:	No use intended
Food suitability EU:	

Technical Data

Thickness:	2.7 mm	0.106 in.
Mass of belt (belt weight):	3.5 kg/m ²	0.71 lbs./sq.ft
Nosebar Radius (minimum):	- mm	- in.
Pulley diameter (minimum):	50 mm	2.0 in.
Pulley diameter minimum with counter flexion:	- mm	- in.
Admissible tensile force per unit of width:	5 N/mm	30 lbs./in.
Operating temperature admissible (continuous):	Min -7 °C Max 79 °C	Min 20 °F Max 175 °F
Coefficient of friction on slider bed of pickled steel sheet:	- [-]	[-]
Seamless manufacturing width:	1524 mm	60 in.

All data are approximate values under standard climatic conditions: 23°C/73°F, 50% relative humidity, per ASTM standards, and are based on the Master Joining Method.

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

*	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. 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.)

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