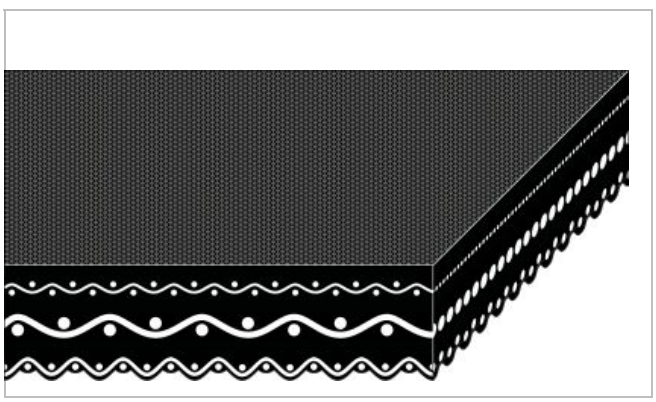
Heavy Conveyor Belts
RPH3-265TXB-FR

Main industry segments
Airport, Distribution centers, Parcel distribution / Overnight carrier

Applications
Decline belt, Incline belt, Light package handling, Mail handling / mail sorting belt

Special features
Abrasion resistant, Antistatic, Constant coefficient of friction, Crowned or flanged pulley suitable, Cut resistant, Flat laying, Good lace retention, High modulus of elasticity, High strength, High tensile strength, High transversal rigidity, Impact resistant, Length stability, Low friction running side, Low noise applications suitable, Low stretch, Ozone resistant, Reverse bending, UV resistant, High lateral stability



Product Construction / Design	
Conveying side material	Chloroprene Rubber (Neoprene)
Conveying side surface	Fine textile structure
Conveying side property	Adhesive
Conveying side color	Black
Traction layer (material)	Polyester (PET)/Polyamide (PA) fabric
Number of Fabrics	3
Pulley side material	Polyester (PET)/Polyamide (PA) fabric
Pulley side surface	Impregnated fabric
Pulley side property	Non-adhesive
Pulley side color	Black

Product characteristics	
Antistatically equipped	Yes
Flammability	Flame retardant to ASTM D-378
Food suitability, FDA conformance	No
Food suitability, USDA recommendations	No use intended
Food suitability, EU conformance	No

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Technical data				
Thickness of belt	5.5	mm	*0.22*	*inch*
Mass of belt (belt weight)	6.3	kg/m²	*1.290*	*lb/sqft*
Tensile force for 1% elongation after relaxation (k1% relaxed) per unit of width (Habasit Standard SOP3-155 / EN ISO 21181)	12	N/mm	*69*	*lbf/in*
Min. operating temperature admissible (continuous)	-29	°C	*-20*	*°F*
Max. operating temperature admissible (continuous)	82	°C	*180*	*°F*
Coefficient of friction (pulley side / steel driving pulley)	0.15	-		
Coefficient of friction (pulley side / driving pulley with friction cover)	0.35	-		
Coefficient of friction (pulley side / pickled steel slider bed)	0.15	-		
Coefficient of friction (pulley side / phenolic resin slider bed)	0.30	-		
Coefficient of friction (pulley side / stainless steel slider bed)	0.15	-		
Seamless manufacturing width	1981	mm	*78.00*	*inch*

Joining related properties

Joining method	
Mechanical joining	Master joining method for standard applications

Link to JDS:

Joining method		Mechanical joining
Pulley diameter (minimum)	mm *inch*	203 *8.00*
Pulley diameter minimum with counter flection	mm *inch*	203 *8.00*
Admissible tensile force per unit of width	N/mm *lbf/in*	13 *73*
Admissible tensile force per unit of width at max. operating temperature	N/mm *lbf/in*	8.8 *50*
Slider bed suitable		Yes
Carrying rollers suitable		Yes
Troughed installation suitable		No
Powerturns / curved installations		No
Knife-edge (nosebar) suitable		No
Low noise applications		Yes
Metal detector suitable		No

Meets 2003 United Parcel Service New Functional Requirements

All data are approximate values under standard climatic conditions: 23°C/73°F, 50% relative humidity (DIN 50005/ISO 554). Limited representative testing based on a standard configuration is carried out to estimate minimum pulley diameters. Please contact Habasit for specific guidance regarding non-standard applications, including, but not exclusively, when profiles or cleats are used, or if the belt working temperature is close to the limits listed in this document.

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Chemical resistance
Link to 'Chemical resistance information': https://rims.habasit.com

Mode of use or conveyance
Declined, Horizontal, Inclined, Slider bed

Recommendation

Group	Woven Rubber Belts
Sub-Group	Flame Retardant Belts
Item number	H250000272