Heavy Conveyor Belts UM130SC-B



Main industry segments

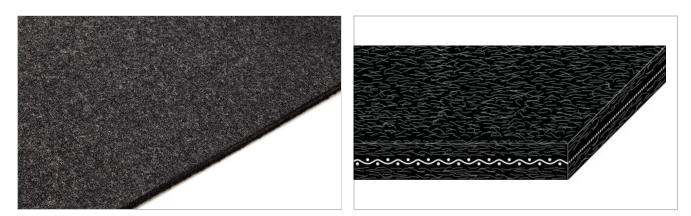
Airport, Distribution centers

Applications

Accumulation belt, Diverting belt, Transfer belt

Special features

Abrasion resistant on both sides, Absorption of shock loads, Anti-scuff cover, Antistatic, Cut resistant, Edges wear resistant, Good lace retention, Impact resistant, Low noise applications suitable



Product Construction / Design		
Conveying side material	Polyester (PET) fleece	
Conveying side surface	Impregnated fleece	
Conveying side property	Non-adhesive	
Conveying side color	Black	
Traction layer (material)	Polyester (PET) scrim	
Number of Fabrics	1	
Pulley side material	Polyester (PET) fleece	
Pulley side surface	Impregnated fleece	
Pulley side property	Non-adhesive	
Pulley side color	Black	

Product characteristics	
Antistatically equipped	Yes - fulfills EN 12882 / Categorie 1
Flammability	No specific flammability prevention property
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	3.3	mm	0.13	inch	
Mass of belt (belt weight)	2.1	kg/m²	0.430	lb/sqft	
Tensile force for 1% elongation (k1% static) per unit of width (Habasit standard SOP3-155)	20	N/mm	115	lbf/in	
Tensile force for 1% elongation after relaxation (k1% relaxed) per unit of width (Habasit Standard SOP3-155 / EN ISO 21181)	7.5	N/mm	43	lbf/in	
Min. operating temperature admissible (continuous)	-12	°C	10	°F	
Max. operating temperature admissible (continuous)	80	°C	176	°F	
Coefficient of friction (pulley side / steel driving pulley)	0.25	-			
Coefficient of friction (pulley side / driving pulley with friction cover)	0.35	-			
Coefficient of friction (pulley side / pickled steel slider bed)	0.30	-			
Coefficient of friction (pulley side / phenolic resin slider bed)	0.30	-			
Coefficient of friction (pulley side / stainless steel slider bed)	0.25	-			
Seamless manufacturing width	1829	mm	72.00	inch	
On request other seamless manufacturing width	1524	mm	60	inch	

Joining related properties

Joining method	
Clipper #1	Master joining method for standard applications
Flexproof 20 x 80	Optional joining method

Link to JDS:

Joining method		Clipper #1	Flexproof 20 x 80
Pulley diameter (minimum)	mm inch	50 <i>1.97</i>	51 2.00
Pulley diameter minimum with counter flection	mm inch	64 2.50	51 2.00
Admissible tensile force per unit of width	N/mm Ibf/in	14 <i>82</i>	
Admissible tensile force per unit of width at max. operating temperature	N/mm <i>Ibf/in</i>	9.3 <i>53</i>	
Slider bed suitable		Yes	Yes
Carrying rollers suitable		Yes	Yes
Troughed installation suitable		No	Yes
Powerturns / curved installations		Yes	Yes
Knife-edge (nosebar) suitable		No	No
Low noise applications		Yes	Yes
Metal detector suitable		No	No

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

Accumulation, Diverting, Horizontal, Side loading

Recommendation

Nonwoven Belts Group Sub-Group Rubber Saturated Ulti-Mate Belts Item number H250000372

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