

# Heavy Conveyor Belts

## UMS130SC-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/m <sup>2</sup>	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 1.97	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 lbf/in	14 82	
Admissible tensile force per unit of width at max. operating temperature	N/mm lbf/in	9.3 53	
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

Group	Nonwoven Belts
Sub-Group	Rubber Saturated Ulti-Mate Belts
Item number	H250000560

### Disclaimer

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