

# Heavy Conveyor Belts

## UMS130LR-B



### Main industry segments

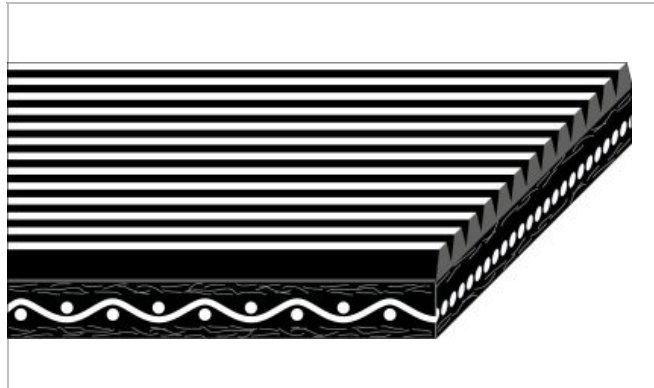
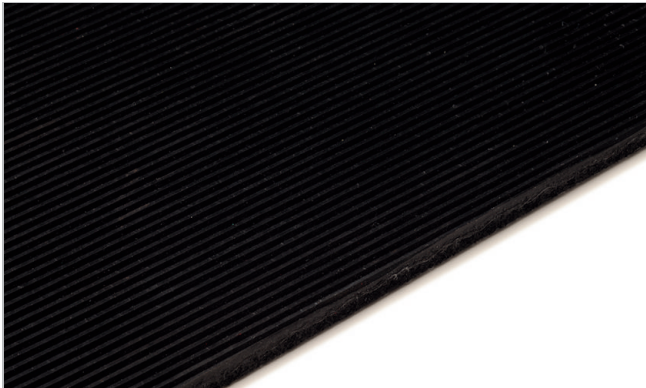
Airport, Distribution centers

### Applications

Acceleration belt, Deceleration belt, Decline belt, Incline belt, Induction belt, Infeed belt, Light package handling, Metering/singulation belt

### Special features

Absorption of shock loads, Antistatic, Constant coefficient of friction, Edges wear resistant, Flat laying, Good lace retention, High coefficient of friction surface, Low noise applications suitable



Product Construction / Design	
Conveying side material	Polyvinylchloride (PVC)
Conveying side surface	Longitudinal groove structure
Conveying side property	Super-adhesive
Conveying side color	Black
Traction layer (material)	Polyester (PET) scrim
Number of Fabrics	1
Pulley side material	Nonwoven (fleece)
Pulley side surface	Buffed finish
Pulley side property	Non-adhesive
Pulley side color	Black

Product characteristics	
Antistatically equipped	Yes
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	4.3 mm	0.17 inch
Mass of belt (belt weight)	3.6 kg/m <sup>2</sup>	0.730 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 / driving pulley with friction cover)	0.35 -	
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

[Link to JDS:](#)

Joining method		Clipper #1
Pulley diameter (minimum)	mm inch	51 2.00
Pulley diameter minimum with counter flection	mm inch	76 3.00
Slider bed suitable		Yes
Carrying rollers suitable		Yes
Troughed installation suitable		Yes
Powerturns / curved installations		Yes
Knife-edge (nosebar) suitable		No
Low noise applications		Yes
Metal detector suitable		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

Acceleration, Declined, Inclined, Metering

### Recommendation

Group	Nonwoven Belts
Sub-Group	Rubber Saturated Ulti-Mate Belts
Item number	H250000546

### Disclaimer

#### Product Application Disclaimer (valid for ALL Habasit products and mentioned on all PDS)

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