# Heavy Conveyor Belts UM155/FRAS-B-N



### Main industry segments

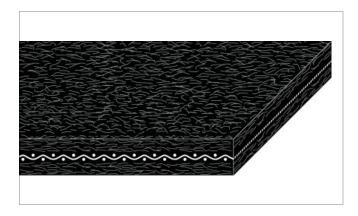
Airport, Cardboard converting, Electronics

#### **Applications**

Transfer belt, Loading/Unloading belt

# **Special features**

Abrasion resistant on both sides, Antistatic, Edges wear resistant, Flame retardant, Good lace retention, Low friction conveying side, Low friction running side, Low noise applications suitable, No delamination, Oil resistant, Reverse bending, Wear resistant



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			
Flammability	In accordance with ISO 340			
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	4.0	mm	0.16	inch
Mass of belt (belt weight)	2.7	kg/m²	0.553	lb/sqft
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)	0.20	-		
Coefficient of friction (pulley side / driving pulley with friction cover)	0.35	-		
Coefficient of friction (pulley side / stainless steel slider bed)	0.20	-		
Seamless manufacturing width	2000	mm	78.74	inch

# Joining related properties

Joining method	
Flexproof	Master joining method for standard applications

# Link to JDS:

Joining method		Flexproof	
Pulley diameter (minimum)	mm	70	
	inch	2.76	
Pulley diameter minimum with mm		140	
counter flection	inch	5.51	
Slider bed suitable		Yes	
Carrying rollers suitable		Yes	
Troughed installation suitable		No	
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

Carrying roller, Curved, Horizontal, Live roller drive

#### Recommendation

Group Nonwoven Belts Sub-Group Flame Retardant Belts Item number H950032607

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