

# Processing Belts R2SBRRT-B



Only for Habasit America

## Main industry segments

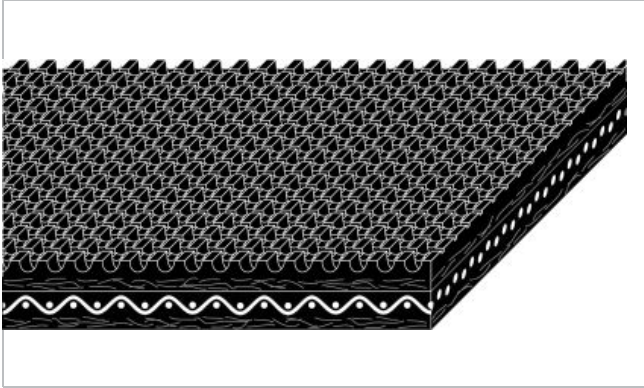
Cardboard converting, General conveying, Solid wood

## Applications

Decline belt, Incline belt

## Special features

High grip surface, Low friction running side



Product Construction / Design	
Conveying side material	Styrene-Butadiene-Rubber (SBR)
Conveying side surface	Rough top
Conveying side property	Adhesive
Conveying side color	Black
Traction layer (material)	Polyester (PET) fabric
Number of Fabrics	2
Pulley side material	RFL fabric
Pulley side surface	Fabric
Pulley side color	Black

Product characteristics	
Antistatically equipped	No
Flammability	No specific flammability prevention property
Food suitability, FDA conformance	No use intended
Food suitability, USDA recommendations	No use intended
Food suitability, EU conformance	No use intended

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Technical data			
Mass of belt (belt weight)	5.4	kg/m <sup>2</sup>	1.100 lb/sqft
Min. operating temperature admissible (continuous)	-40	°C	-40 °F
Max. operating temperature admissible (continuous)	121	°C	250 °F
Coefficient of friction (pulley side / steel driving pulley)	0.40	-	
Coefficient of friction (pulley side / driving pulley with friction cover)	0.40	-	
Coefficient of friction (pulley side / stainless steel slider bed)	0.40	-	
Seamless manufacturing width	1524	mm	60.00 inch
On request other seamless manufacturing width	1829	mm	72 inch

## Joining related properties

Joining method	
Alligator #15	Master joining method for standard applications
Thermofix	Optional joining method - not applicable for direct food contact applications acc. to EU and FDA regulations
Clipper #2 SP	Optional joining method

[Link to JDS:](#)

Joining method		Alligator #15	Thermofix	Clipper #2 SP
Pulley diameter (minimum)	mm	51		
	inch	2.00		
Admissible tensile force per unit of width	N/mm	26		
	lbf/in	150		
Slider bed suitable		Yes		
Carrying rollers suitable		Yes		
Troughed installation suitable		No		
Powerturns / curved installations		No		
Knife-edge (nosebar) suitable		No		
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

Declined, Inclined

## Calculations

For most applications calculation is not required. Should you still need a calculation: please ask Habasit.

## Recommendation

Do not go below initial elongation (epsilon) ~ 0.5%, Install the slack belt and tension until running perfectly under the full belt load

Store spare belts in a cool and dry place and if possible in their original packaging. Protect spare belts from sunlight/UV-radiation/dust/dirt! Check Link for Storage requirements:

["https://tdm.habasit.com/pds/en-us/Storage%20of%20Habasit%20material.pdf"](https://tdm.habasit.com/pds/en-us/Storage%20of%20Habasit%20material.pdf)

No danger and limitation

Group	Elastomer Covered Conveying Belts
Sub-Group	-
Item number	H250000261

## Disclaimer

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