

# Spindle Tapes HS-4R



## Main industry segments

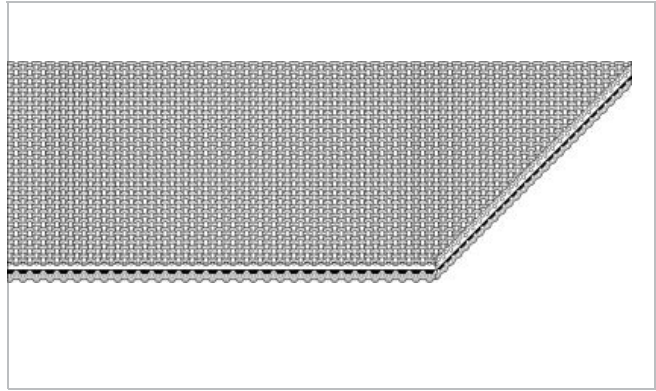
Yarn processing

## Applications

Spindle drive

## Special features

Abrasion resistant, Antistatic, Constant coefficient of friction, High acceleration, High temperature resistant, Uniform yarn quality, High reliability



Product Construction / Design	
Spindle side material	Polyester (PET)/Cotton (CO) fabric as friction cover (whirl side)
Spindle side surface	Fabric
Spindle side property	Non-adhesive
Spindle side color	Beige
Traction layer (material)	Polyamide (PA) fabric
Pulley side material	Acrylonitrile-Butadiene-Rubber (NBR) as friction cover (pulley/cylinder side)
Pulley side surface	Sand finish
Pulley side property	Adhesive
Pulley side color	Red

Product characteristics	
Drive determination	1- / 2- / or 4-spindle ring spinning frames
Antistatically equipped	Yes
Adhesive free joining method	No
Food suitability, FDA conformance	No
Food suitability, EU conformance	No

Technical data		
Thickness of belt	0.60 mm	0.02 inch
Mass of belt (belt weight)	0.50 kg/m <sup>2</sup>	0.102 lb/sqft
Tensile force for 1% elongation (k1% after running in) per unit of width (Habasit standard SOP3-013)	1.1 N/mm	6 lbf/in
Nominal peripheral force per unit of width	3.5 N/mm	20 lbf/in
Min. operating temperature admissible (continuous)	-20 °C	-4 °F
Max. operating temperature admissible (continuous)	100 °C	212 °F
Seamless manufacturing width	450 mm	17.72 inch

All data are approximate values under standard climatic conditions: 23°C/73°F, 50% relative humidity (DIN 50005/ISO 554).

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## Joining related properties

[Link to JDS:](#)

Joining method		Thermofix 90°
Pulley diameter (minimum)	mm <i>inch</i>	15 <i>0.59</i>
Pulley diameter minimum with counter flection	mm <i>inch</i>	15 <i>0.59</i>

## Chemical resistance

Link to 'Chemical resistance information': <https://rims.habasit.com>

## Mode of use or conveyance

Power transmission, Tangential drive

## Recommendation

Observe the indications of the machine handbook from the machine manufacturers

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)

This product has not been tested according to ATEX standards (atmospheres with explosion risk - ATEX 95 regulation or EU directive 2014/34/EU) and therefore is subject to user's analysis in the respective environment, When changing the direction of rotation (S/Z direction of rotation) the spindle tape can run off the driving pulley

Group	Polyamide Spindle Tapes
Sub-Group	HS Polyamide Spindle Tapes
Item number	H950022926

## Disclaimer

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

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