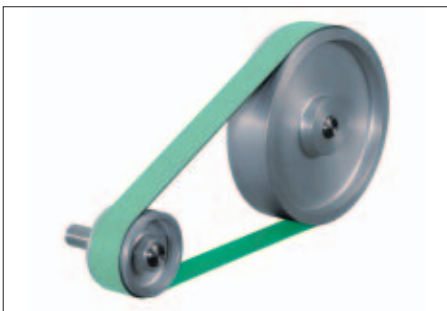


NEW

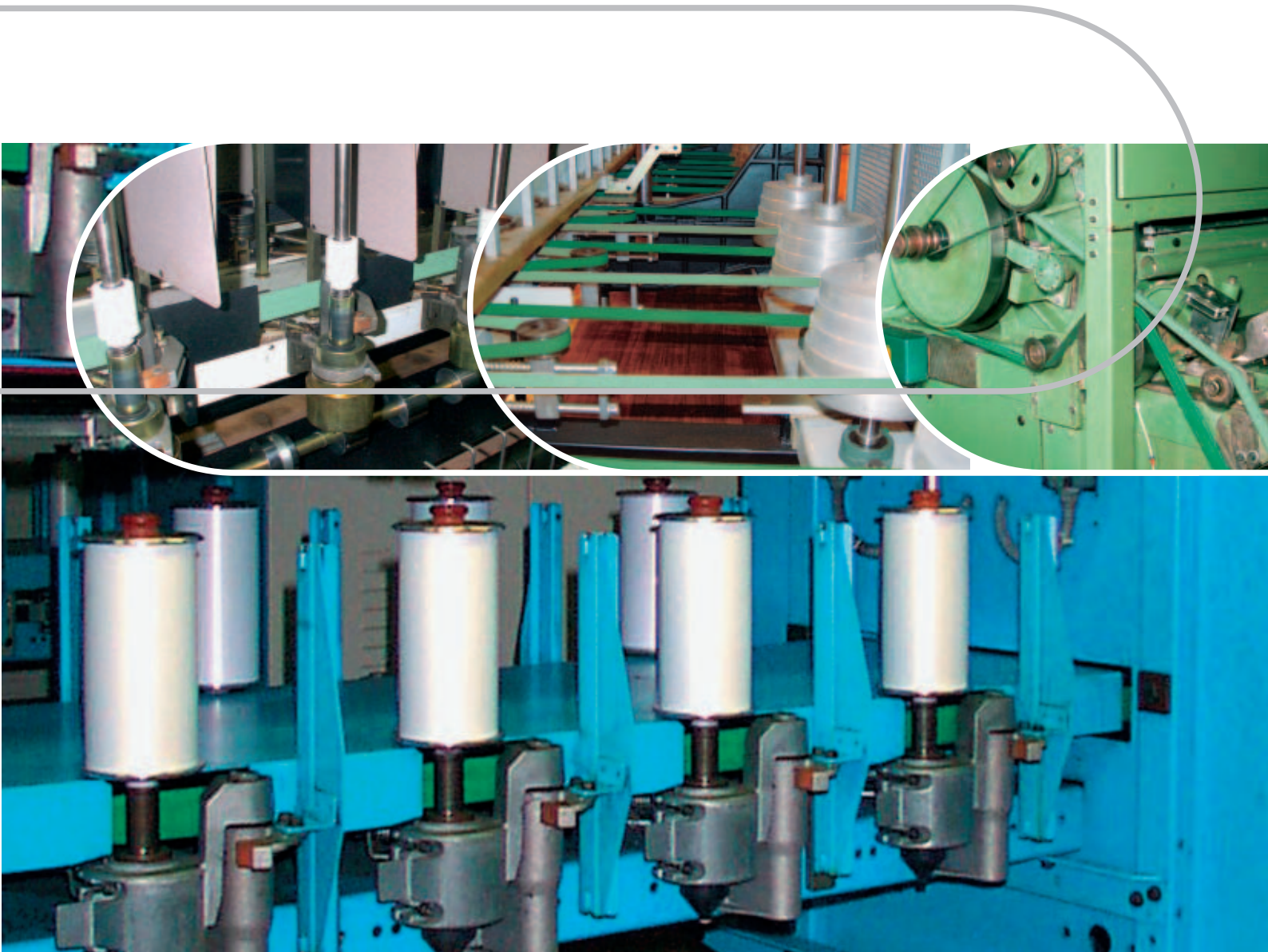
Habasit SP Polyamide (PA) power transmission belts



The Habasit SP Polyamide (PA) power transmission belts have an extremely long life and guarantee consistently high power transmission throughout their service life. They are robust and reliable.

Habasit belt types

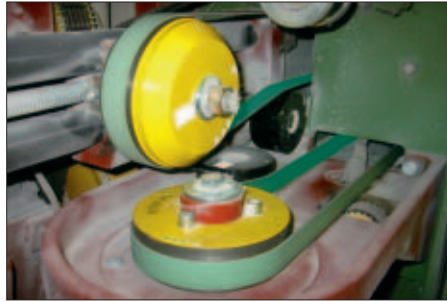
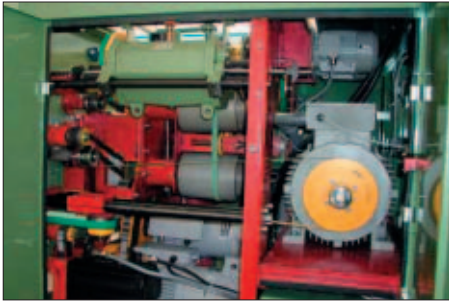
SP-100/15
SP-180/23
SP-250/25
SP-330/30



Applications, belt types

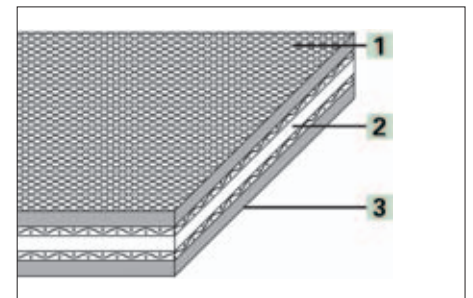
Technical key data

	SP-100/15	SP-180/23	SP-250/25	SP-330/30
Belt application				
Yarn processing	•	•	•	•
Paper converting	•	•	•	•
Box making/folder-gluer	•	•	•	•



		SP-100/15	SP-180/23	SP-250/25	SP-330/30
Product Construction/Design					
Friction cover	(Material)	NBR ¹⁾	NBR ¹⁾	NBR ¹⁾	NBR ¹⁾
Friction cover	(Surface)	Rough structure	Rough structure	Rough structure	Rough structure
Friction cover	(Color)	Green	Green	Green	Green
Traction Layer	(Material)	PA	PA	PA	PA
Reverse cover	(Material)	NBR ²⁾	NBR ²⁾	NBR ²⁾	NBR ²⁾
Reverse cover	(Surface)	Rough structure	Rough structure	Rough structure	Rough structure
Reverse cover	(Color)	Light green	Light green	Light green	Light green
Product characteristics					
Drive determination		Double-sided power transmission	Double-sided power transmission	Double-sided power transmission	Double-sided power transmission
Permanently antistatic		Yes	Yes	Yes	Yes
Technical key data					
Thickness	[mm]	1.5	2.3	2.5	3.0
	[in]	0.06	0.09	0.1	0.12
Mass of belt (belt weight)	[kg/m ²]	1.5	2.5	2.7	3.2
	[lbs./sq.ft.]	0.31	0.51	0.55	0.66
Pulley diameter minimum with counterflexion	[mm]	25	60	60	110
	[in]	1	2.4	2.4	4.3
Tensile force for 1% elongation (k1% after running in) per unit of width (Habasit standard 320.013)	[N/mm]	3.9	6.5	9	11.5
	[lbs./in.]	22	37	51	66
Nominal peripheral force per unit of width	[N/mm]	10	18	25	33
	[lbs./in.]	57	103	143	188
Operating temperature	[°C]	-20/100	-20/100	-20/100	-20/100
admissible (continuous)	[°F]	-4/212	-4/212	-4/212	-4/212
Seamless manufacturing width	[mm]	2400	2400	2400	2400
	[in]	94	94	94	94
Joining System					
Thermofix		•	•	•	•

Product Design (enlarged)



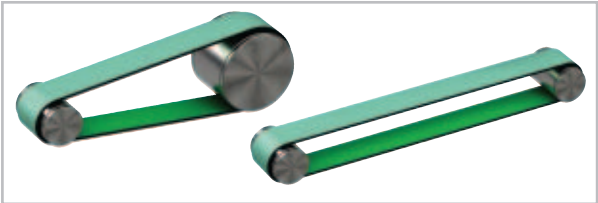
Legend

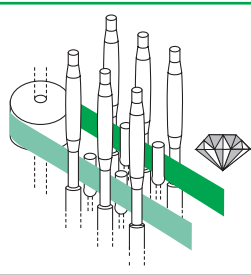
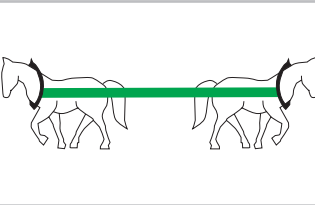
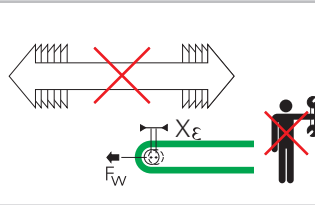
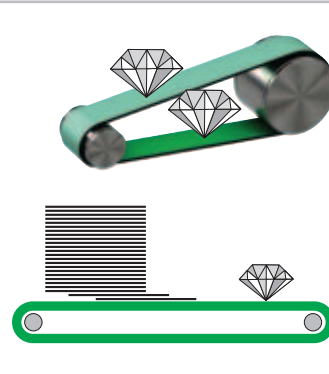
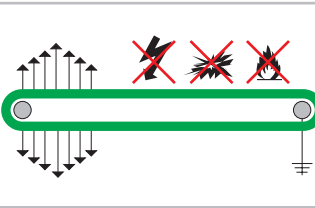
NBR¹⁾ Acrylonitrile-Butadiene-Rubber as friction cover (pulley/cylinder side)
 PA Polyamide
 NBR²⁾ Acrylonitrile-Butadiene-Rubber as friction cover (whirl side)

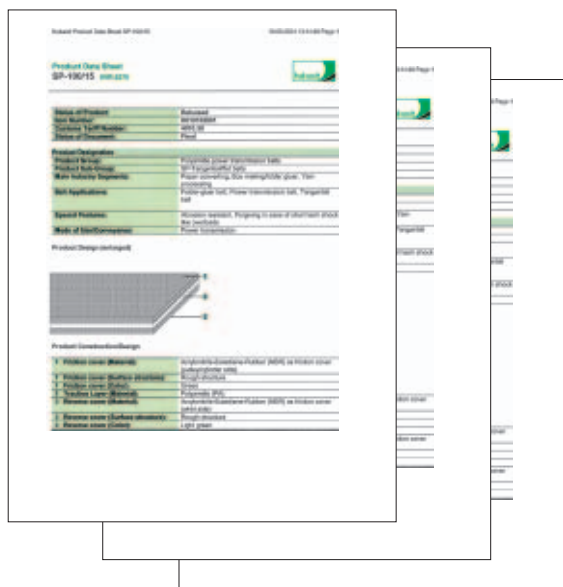
Legend

1 Friction cover
 2 Traction Layer
 3 Reverse cover

Features and benefits



Features	Benefits
	<ul style="list-style-type: none">→ Constant and uniform spindle rpm→ High productivity
	<ul style="list-style-type: none">→ Belt can handle intermittent overloads→ Process reliability→ Long belt life
	<ul style="list-style-type: none">→ No re-tensioning→ No downtimes→ No maintenance
	<ul style="list-style-type: none">→ Gentle treatment of goods→ No marking→ Long belt life
	<ul style="list-style-type: none">→ Less dust and dirt attraction→ Process reliability→ Low maintenance cost



Product key data overview

You will find the key data for most Habasit products on the Habasit websites:

www.habasit.com

Select an affiliated company

- e.g. United Kingdom

Products

- e.g. Machine Tapes

Product Data

- Overview

Detailed technical data for each product/belt type

With one more click on the respective belt type, you will obtain a technical data overview, showing details such as:

- Product designation/features
- Product design/built-up
- Product characteristics
- Technical data etc.



Headquarters
Habasit AG
CH-4153 Reinach-Basel
Phone +41 61 715 15 15
Fax +41 61 715 15 55
E-mail info@habasit.com
www.habasit.com

Product liability, application considerations. If the proper selection and application of Habasit products are not recommended by an authorized Habasit sales specialist, the selection and application of Habasit products, including the related area of product safety, are the responsibility of the customer. All indications/information are recommendations and believed to be reliable, but no representations, guarantees, or warranties of any kind are made as to their accuracy or suitability for particular applications. The data provided herein are based on laboratory work with small-scale test equipment, running at standard conditions, and do not necessarily match product performance in industrial use. New knowledge and experiences can lead to modifications and changes within a short time without prior notice. BECAUSE CONDITIONS OF USE ARE OUTSIDE OF HABASIT'S AND ITS AFFILIATED COMPANIES CONTROL, WE CANNOT ASSUME ANY LIABILITY CONCERNING THE SUITABILITY AND PROCESS ABILITY OF THE PRODUCTS MENTIONED HEREIN. THIS ALSO APPLIES TO PROCESS RESULTS / OUTPUT / MANUFACTURING GOODS AS WELL AS TO POSSIBLE DEFECTS, DAMAGES, CONSEQUENTIAL DAMAGES, AND FURTHER-REACHING CONSEQUENCES.

Registered trade marks
Copyright Habasit AG
Subject to alterations

Printed in Switzerland

Publication Data
4044FLY.PTB-en0704HQR