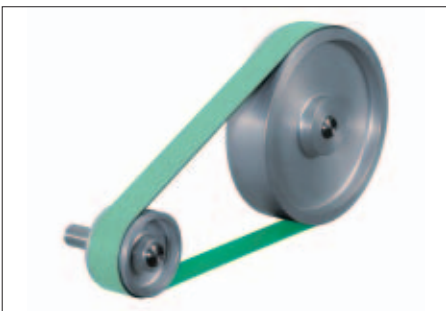


NEW

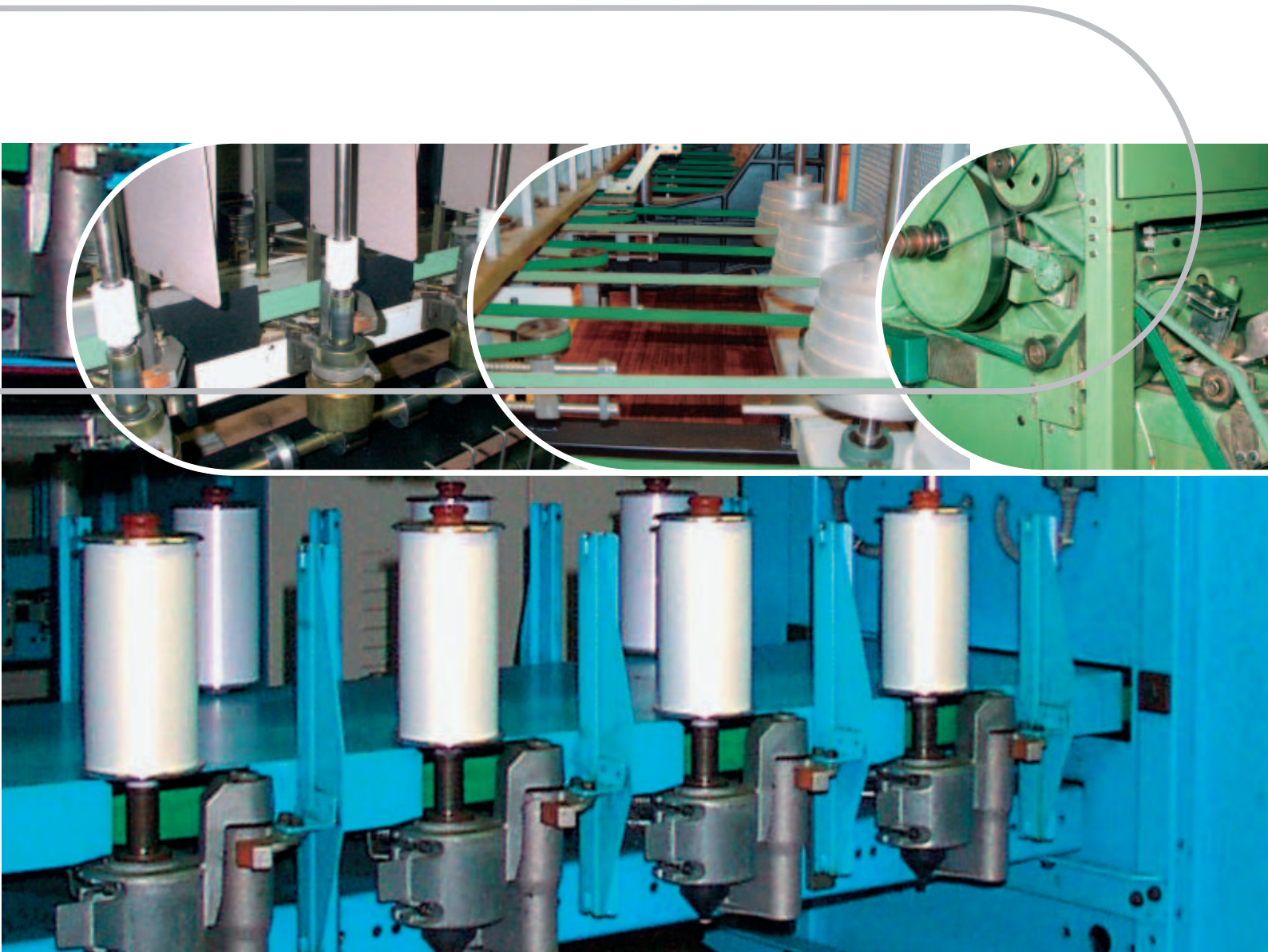
Habasit SP Polyamide (PA) power transmission belts



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

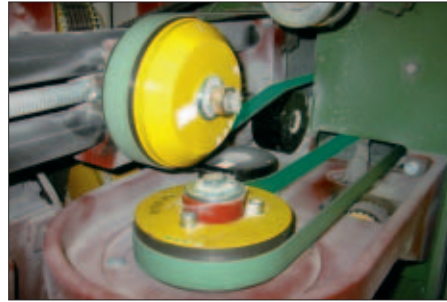
- SP-100/15
- SP-180/23
- SP-250/25
- SP-330/30



Applications, belt types

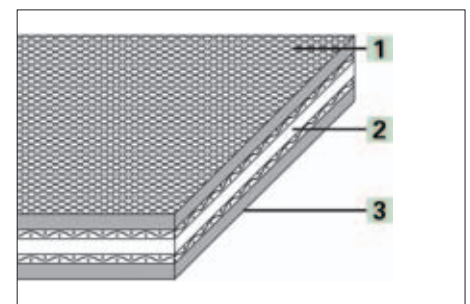
Technical key data

	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)



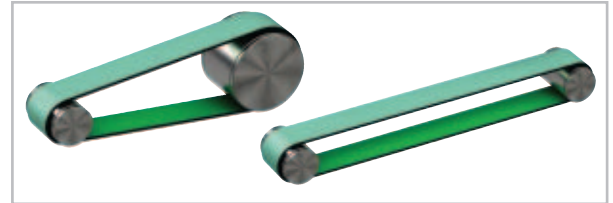
Legend

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

Legend

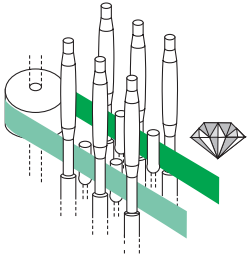
1 Friction cover
 2 Traction Layer
 3 Reverse cover

Features and benefits



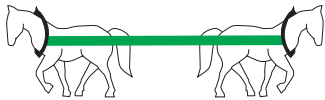
Features

Benefits



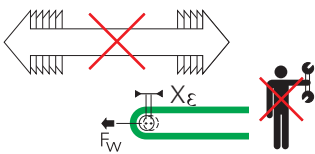
- Long service life of the belt

- Constant and uniform spindle rpm
- High productivity



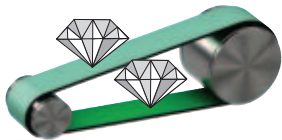
- Forgiving
- Good dimensional stability

- Belt can handle intermittent overloads
- Process reliability
- Long belt life



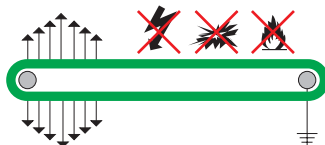
- Stable modulus of elasticity after running-in

- No re-tensioning
- No downtimes
- No maintenance



- NBR rubber cover
- Excellent abrasion resistance
- Constant coefficient of friction

- Gentle treatment of goods
- No marking
- Long belt life



- Permanently antistatic

- 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.



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