

Version 2022









Suction Tapes. Original Heidelberg Parts.







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Friction wheel brake narrow module • Special Synthetic tapes

picture	color	tape width (mm)	raised rib width (mm)	Elastic fiber tape	Special Synthetic tape	grooved	flat	concave	perfecting	hardness	braking	SM 52	SM 74	XL 75	SM/SX 102	CD/CX 102	CX 104	XL 105/106	XL 145/XL 162
	light red	10	7		●	●			●	C	A			●	●			●	
	yellow	10	7		●	●			●	A+	A++			●	●			●	
	white	10	7		●	●			●	A	A			●	●			●	
	yellow	10	7		●		●		●	A+	A			●	●			●	
	gray	10	7		●		●		●	C	B+			●	●			●	
	blue	10	7		●		●		●	A	B-			●	●			●	

Friction wheel brake with wide module • Special Synthetic tapes

picture	color	tape width (mm)	raised rib width (mm)	Elastic fiber tape	Special Synthetic tape	grooved	flat	concave	perfecting	hardness	braking	SM 52	SM 74	XL 75	SM 102	CD/CX 102	CX 104	XL 105/106	XL 145/XL 162
	gray	20	9		●		●		●	C	B+			●	●	●		●	
	gray	20	0		●		●			C	B+			●	●	●		●	●
	green	20	0		●		●			A	B			●	●	●	●	●	●
	yellow	20	0		●			●		B	B-			●	●	●		●	

Conventional brake • Elastic fiber tapes

picture	color	tape width (mm)	raised rib width (mm)	Elastic fiber tape	Special Synthetic tape	grooved	flat	concave	perfecting	hardness	braking	SM 52	SM 74	XL 75	SM 102	CD/CX 102	CX 104	XL 105/106	XL 145/XL 162
	gray	20	9	●			●		●	C	B+	●	●		●	●		●	
	yellow	20	9	●				●	●	B	B-	●	●		●	●		●	
	gray	20	0	●			●			C	B+				●	●		●	
	yellow	20	0	●				●		B	B-	●	●		●	●		●	
	gray	20	5	●			●		●	C	C	●	●		●	●		●	

Sheet Brake. Sheet Slowdowns.

The Best Parts for Your Heidelberg. Great quality delivered to you with expert advice as fast as you need it – and at the right price too: only from Original Heidelberg.

For optimal braking performance Suction tapes have a direct impact on the braking performance of a press, and therefore determine how safely and reliably printing sheets are delivered. Different suction tapes are needed depending on the type of application and the machine's speed – which is why it is important to know how to choose the tape with the correct stabilization profile.

The right tape for every application Heidelberg offers a large variety of suction tapes for Speedmaster, covering a broad range of applications. Whatever width or dimensions required, whether rough or smooth surfaces, we have the right suction tape for every printing material, every production speed and every type of substrate.

The best quality – only from Original Heidelberg Most Original Heidelberg suction tapes are manufactured using special synthetic materials particularly suited for fragile material. This makes them very flexible and resistant to wear. All of the tapes share the same consistently high sheet holding force, which results in minimal marking and the highest precision in the guidance of the printing sheets – even at full press speed.

Benefits

- Precision sheet travel characteristics ensure production stability
- Minimal marking due to high sheet holding force
- High wear resistance from innovative special synthetic materials
- Increased net performance for lighter and heavier stocks



Rating Groups:

A: Highest Group (Hardness: hard/braking efficiency: high)

B: Medium Group (Hardness: flexible/braking efficiency: flexible)

C: Lowest Group (Hardness: soft/braking efficiency: reduced)

To further differentiate inside the groups A,B,C on a more detailed basis, the criteria is further extended with a +/- rating. Therefore the Highest Ranking is A++ and the lowest C--. Please note that +/- ratings cannot be used to compare between the main groups. An "A" rating is always better than a "B" rating regardless the +/- information (ex. A- is better than B+). The +/- rating is only in place to differentiate inside a group.

Friction wheel brake narrow module. Special Synthetic tapes.



Type of Brake: Friction Wheel, Narrow Module

*Perfecting machine
Braking tape with softer rubber mixture.
In particular for printing material with smooth surface.
Recommended for 18,000 sph presses*

Technical Description:

Width	10mm
Raised Rib Width	7mm
Color	Light Red
Surface	Grooved
Underside Surface	Synthetic
Brake Style	Friction Wheel Narrow
Hardness	C
Braking Efficiency	A++
Perfecting	Yes

Material No.	Description
F4.614.891F/	Suction tape 3x
F4.614.892F/	Suction tape 5x
F4.614.893F/	Suction tape 25x

Models	
Speedmaster XL 75	
Speedmaster SM/SX 102	
Speedmaster XL 105/106	



Type of Brake: Friction Wheel, Narrow Module

*Perfecting machine
Medium holding force, high wear resistance.
Recommended for 18,000 sph presses.
Suitable for UV/LED printing*

Technical Description:

Width	10mm
Raised Rib Width	7mm
Color	Yellow
Surface	Grooved
Underside Surface	Synthetic
Brake Style	Friction Wheel Narrow
Hardness	A+
Braking Efficiency	A++
Perfecting	Yes

Material No.	Description
F4.614.885F/	Suction tape 3x
F4.614.886F/	Suction tape 5x
MV.064.051/	Suction tape 25x

Models	
Speedmaster XL 75	
Speedmaster SM/SX 102	
Speedmaster XL 105/106	



Type of Brake: Friction Wheel, Narrow Module

*Perfecting machine
Braking tape with harder rubber mixture.
Suitable for most printing materials.
Suitable for UV/LED printing*

Technical Description:

Width	10mm
Raised Rib Width	7mm
Color	White
Surface	Grooved
Underside Surface	Synthetic
Brake Style	Friction Wheel Narrow
Hardness	A
Braking Efficiency	A
Perfecting	Yes

Material No.	Description
F4.614.883F/	Suction tape 25x

Models	
Speedmaster XL 75	
Speedmaster SM/SX 102	
Speedmaster XL 105/106	

Friction wheel brake narrow module.

Special Synthetic tapes.



Type of Brake: Friction Wheel, Narrow Module

Perfecting machine
High wear resistance
Braking tape for light and thin printing material, less than 135g/m².
Suitable for UV/LED printing

Technical Description:

Width	10mm
Raised Rib Width	7mm
Color	Yellow
Surface	Flat
Underside Surface	Synthetic
Brake Style	Friction Wheel Narrow
Hardness	A+
Braking Efficiency	A
Perfecting	Yes

Material No. Description

F4.614.887F/	Suction tape 5x
F4.614.888F/	Suction tape 25x

Models	Speedmaster XL 75 Speedmaster SM/SX 102 Speedmaster XL 105/106
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Type of Brake: Friction Wheel, Narrow Module

Perfecting machine

Technical Description:

Width	10mm
Raised Rib Width	7mm
Color	Gray
Surface	Flat
Underside Surface	Synthetic
Brake Style	Friction Wheel Narrow
Hardness	C
Braking Efficiency	B+
Perfecting	Yes

Material No. Description

F4.614.862F/	Suction tape 5x
F4.614.863F/	Suction tape 25x

Models	Speedmaster XL 75 Speedmaster SM/SX 102 Speedmaster XL 105/106
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Type of Brake: Friction Wheel, Narrow Module

Perfecting machine
Braking tape for light and thin printing material, less than 100g/m²

Technical Description:

Width	10mm
Raised Rib Width	7mm
Color	Blue
Surface	Flat
Underside Surface	Synthetic
Brake Style	Friction Wheel Narrow
Hardness	A
Braking Efficiency	B-
Perfecting	Yes

Material No. Description

F4.614.872F/	Suction tape 5x
F4.614.873F/	Suction tape 25x

Models	Speedmaster XL 75 Speedmaster SM/SX 102 Speedmaster XL 105/106
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Friction wheel brake with wide module. Special Synthetic tapes.



Type of Brake: Friction Wheel, Wide Module

This suction tape is suitable for sensitive substrates and envelope work with print-free areas. Due to the lower holding force of the tape, printing may have to be done at reduced speed.

Technical Description:

Width	20mm
Raised Rib Width	9mm
Color	Gray
Surface	Flat
Underside Surface	Synthetic
Brake Style	Friction Wheel Wide
Hardness	C
Braking Efficiency	B+
Perfecting	Yes

Material No.	Description
F4.614.821F/	Suction tape 3x
F4.614.822F/	Suction tape 5x
F4.614.823F/	Suction tape 25x

Models	
Speedmaster XL 75	
Speedmaster SM 102	
Speedmaster CD/CX 102	
Speedmaster XL 105/106	



Type of Brake: Friction Wheel, Wide Module

Braking tape with a softer rubber mixture. Particularly suitable for printing material with a smooth surface.

Technical Description:

Width	20mm
Raised Rib Width	N/A
Color	Gray
Surface	Flat
Underside Surface	Synthetic
Brake Style	Friction Wheel Wide
Hardness	C
Braking Efficiency	B+
Perfecting	N/A

Material No.	Description
F4.614.831F/	Suction tape 3x
F4.614.832F/	Suction tape 5x
F4.614.833F/	Suction tape 25x

Models	
Speedmaster XL 75	
Speedmaster SM 102	
Speedmaster CD/CX 102	
Speedmaster XL 105/106	
Speedmaster XL 145/162	



Type of Brake: Friction Wheel, Wide Module

Braking tape with a harder rubber mixture. Suitable for most printing material. This cost-effective suction tape is well suited for a wide range of substrates. In particular, it should be used for label paper and cardboard with a rough underside.

Technical Description:

Width	20mm
Raised Rib Width	N/A
Color	Green
Surface	Flat
Underside Surface	Synthetic
Brake Style	Friction Wheel Wide
Hardness	A
Braking Efficiency	B
Perfecting	N/A

Material No.	Description
M2.015.880 /	Suction tape 1x
M2.015.849F/	Suction tape 3x
M2.015.848F/	Suction tape 5x
M2.015.880F/	Suction tape 25x

Models	
Speedmaster XL 75	
Speedmaster SM 102	
Speedmaster CD/CX 102	
Speedmaster CX 104	
Speedmaster XL 105/106	
Speedmaster XL 145/162	

Friction wheel brake with wide module. **Special Synthetic tapes.**



Type of Brake: Friction Wheel, Wide Module

This suction tape is particularly suitable for substrates with a smooth surface. It is low-marking and has high sheet holding forces. High holding power, partially low-marking, Medium wear resistance.

Technical Description:

Width	20mm
Raised Rib Width	N/A
Color	Yellow
Surface	Concave
Underside Surface	Synthetic
Brake Style	Friction Wheel Narrow
Hardness	B
Braking Efficiency	B-
Perfecting	N/A

Material No.	Description
F4.614.830 /	Suction tape 1x
F4.614.830F/	Suction tape 5x
F4.614.839F/	Suction tape 25x

Models	
	Speedmaster XL 75
	Speedmaster SM 102
	Speedmaster CD/CX 102
	Speedmaster XL 105/106

Conventional brake. Elastic fiber tapes.



Type of Brake: Conventional

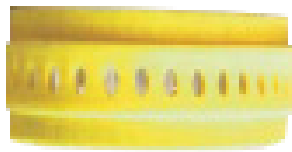
This suction tape is suitable for sensitive substrates and envelope work with print-free areas. Due to the lower holding force of the tape, printing may have to be done at reduced speed.

Technical Description:

Width	20mm
Raised Rib Width	9mm
Color	Gray
Surface	Flat
Underside Surface	Elastic Fiber
Brake Style	Conventional
Hardness	C
Braking Efficiency	B+
Perfecting	Yes

Material No.	Description
M2.015.843F/	Suction tape 3x
M2.015.844F/	Suction tape 5x
M2.015.845F/	Suction tape 25x

Models	
Speedmaster SM 52	
Speedmaster SM 74	
Speedmaster SM 102	
Speedmaster CD/CX 102	
Speedmaster XL 105/106	



Type of Brake: Conventional

This suction tape with a 9 mm bar can slow down the sheets when handling in pressure-free areas. Narrow band, medium holding force, Medium wear resistance.

Technical Description:

Width	20mm
Raised Rib Width	9mm
Color	Yellow
Surface	Concave
Underside Surface	Elastic Fiber
Brake Style	Conventional
Hardness	B
Braking Efficiency	B-
Perfecting	Yes

Material No.	Description
M2.015.840F/	Suction tape 3x
M2.015.841F/	Suction tape 5x
M2.015.842F/	Suction tape 25x

Models	
Speedmaster SM 52	
Speedmaster SM 74	
Speedmaster SM 102	
Speedmaster CD/CX 102	
Speedmaster XL 105/106	



Type of Brake: Conventional

This suction tape is suitable for sensitive substrates and for transfer work without pressure-free areas. When braking in the print image, the vacuum of the brakes usually has to be reduced significantly to avoid marks (scratches) in the print image. Printing may then have to be carried out at reduced speed.

Technical Description:

Width	20mm
Raised Rib Width	9mm
Color	Gray
Surface	Flat
Underside Surface	Elastic Fiber
Brake Style	Conventional
Hardness	C
Braking Efficiency	B+
Perfecting	Yes

Material No.	Description
F4.514.578	Suction tape 1x
M2.015.881F/	Suction tape 3x
M2.015.882F/	Suction tape 5x
M2.015.883F/	Suction tape 25x

Models	
Speedmaster SM 102	
Speedmaster CD/CX 102	
Speedmaster XL 105/106	

Conventional brake. Elastic fiber tapes.



Type of Brake:
Conventional

Type of Brake: Conventional
& Friction Wheel, Wide
Module

*Braking tape with a softer rubber mixture.
Particularly suitable for label paper.
Not suitable for sprocket drive.*

*This suction belt is suitable for sensitive
substrates and handling work with
pressure-free areas.
Due to the lower holding force of the belt,
it may be necessary to print at a reduced
speed.*

Technical Description:

Width	20mm
Raised Rib Width	N/A
Color	Yellow
Surface	Concave
Underside Surface	Elastic Fiber
Brake Style	Conventional
Hardness	B
Braking Efficiency	B-
Perfecting	N/A

Technical Description:

Width	20mm
Raised Rib Width	5mm
Color	Gray
Surface	Flat
Underside Surface	Elastic Fiber
Brake Style	Conventional/ Friction Wheel Wide
Hardness	C
Braking Efficiency	C-
Perfecting	Yes

Material No.	Description
M2.015.878 /	Suction tape 1x
M2.015.846F/	Suction tape 3x
M2.015.847F/	Suction tape 5x
M2.015.878F/	Suction tape 25x

Models	
Speedmaster SM 52	
Speedmaster SM 74	
Speedmaster SM 102	
Speedmaster CD/CX 102	
Speedmaster XL 105/106	

Material No.	Description
M2.015.898F/	Suction tape 3x

Models	
Speedmaster SM 52	
Speedmaster SM 74	
Speedmaster SM 102	
Speedmaster CD/CX 102	
Speedmaster XL 105/106	



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