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Products need labeling Labels and ribbons



Good reasons to choose cab labels

Printing on labels and fully automatic labeling have to meet the highest demands on quality, reliability and safety:

- cab offers common standard materials from stock.
- Special labels can be manufactured user-specific from more than 400 materials: plain or individually imprinted, easy to remove, extra strong adherent or resistant to chemicals, cold or heat, etc.
- Label surfaces are optimized for high resolution in thermal transfer printing.
- Diameters of rolls and cores as well as windings correspond with cab printers.
- cab labels can be optimized for automated processing, which results in maximum process reliability.
- cab cooperates with a partner certified according to IATF 16949. Sampling is offered corresponding to PPAP methods.



Preferred types of paper

Standard paper, universally applicable

for address labeling and the labeling of products and goods as well as their packagings in industries, logistics, trade or services. It complies with BfR XXVI recommended on food contact.

Adhesive: Winding:

Wax:

Resin/wax:

Service temperature:

Application temperature:

Ribbons recommended

permanently adherent outside -30 to +80 °C minimum -10 °C



W42 CM43, B110A-X2

	Paper white, slightly glossy, 80 g/m ²								
Part no.	Width mm	Height mm	Roll diameter mm	Core diameter mm	Labels per roll				
5556470	25	10	152	76	7,000				
5556880	35	25	152	76	3,000				
5556471	40	20	152	76	3,500				
5556881	50	25	152	76	3,000				
5556472	54	35.5	152	76	2,250				
5556882	60	40	152	76	1,900				
5556473	68	58	152	76	1,400				
5556474	75	35	152	76	2,300				
5556475	89	36	152	76	2,500				
5556476	85	50	152	76	1,500				
5556477	100	42	152	76	2,000				
5556883	100	50	152	76	1,500				
5556884	100	80	152	76	1,000				
5556480	100	150	152	76	500				
5556400	105	148	152	76	500				
5556478	110	68	152	76	1,200				
5556479	115	99	152	76	800				
5556450	157	112	205	76	1,500				
5556104	105	148	205	76	1,000				
5556491	148	210	205	76	850				
5556489	210	149	205	76	1,000				

further formats on request

Preferred types of plastics

Polypropylene foil (PP), biaxially oriented and corona treated

Polypropylene is waterproof and resistant to chemicals, greases and oils. The foil complies with FDA and ISEGA provisions on food resp. food packaging contact. It also fits with permanent marking of chemical and hygiene products.

Adhesive: Winding:

permanently adherent outside

Service temperature: Application temperature: -20 to +80 °C minimum +5 °C



Polypropylene white, matt, 0.057 mm Roll Core Height mm Width Labels per roll diameter Part no. diameter mm mm mm 5780024 40 20 3,500 152 76 5780025 50 30 152 76 2,500 5780026 60 30 152 76 2,500 5780027 60 40 152 76 2,000 5780028 70 30 152 76 2,500 5780029 70 50 152 76 1,600 5780030 85 50 76 1,600 152 5780031 102 50 76 1,600 152 5780032 100 150 152 76 500 5780033* 148 210 205 800 76

* not with cab printer EOS1

further formats on request

Ribbons recommended

Resin/wax: Resin:

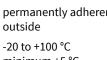


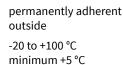
Polyester foil, coated surface

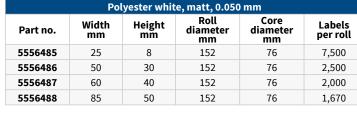
for permanent marking. It remains stable, waterproof and resistant to chemicals, greases and oils.

Adhesive: Winding:

Service temperature: Application temperature:







further formats on request



Ribbons recommended

Resin:

R71, B110C, AXR8

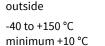
Premium polyester foil, coated surface

for permanent industrial marking of metals, paints and plastics. UL approval no. MH16635, RoHS approval according to guideline 2002/95/EC

Adhesive:

Winding: Service temperature:

Application temperature:



permanently adherent



Ribbons recommended Resin:



	Premium polyester white, matt, 0.050 mm								
Part no.	Width mm	Height mm	Roll diameter mm	Core diameter mm	Labels per roll				
5780034	25	8	152	76	8,000				
5780035	40	20	152	76	3,500				
5780036	50	30	152	76	2,500				
5780037	60	30	152	76	2,500				
5780038	60	40	152	76	2,000				
5780039	70	30	152	76	2,500				
5780040	70	50	152	76	1,600				
5780041	85	50	152	76	1,600				
5780042	102	50	152	76	1,600				

further formats on request

Preferred types of plastics

Polyester foil, coated surface

for permanent marking. It remains stable, waterproof and resistant to chemicals, greases and oils.

Adhesive: Winding:

outside -20 to +130 °C Application temperature:

minimum +10 °C

permanently adherent



Polyester silver, matt, 0.025 mm									
Part no.	Width mm	Height mm	Roll diameter mm	Core diameter mm	Labels per roll				
5556481	25	8	152	76	10,000				
5556482	50	30	152	76	2,500				
5556483	60	40	152	76	2,000				
5556484	85	50	152	76	1,500				

further formats on request

Ribbons recommended

Service temperature:

Resin:

R71, CR43, B110C, AXR8

Premium polyester foil, coated surface

for permanent industrial marking of metals, paints and plastics. UL approval no. MH16635, RoHS approval according to guideline 2002/95/EC

Adhesive: Winding:

Service temperature: Application temperature: permanently adherent outside -40 to +150 °C minimum +10 °C



Ribbons recommended Resin:

R71, CR43, B110C, AXR8

Premium polyester silver, 0.050 mm								
Part no.	Width mm	Height mm	Roll diameter mm	Core diameter mm	Labels per roll			
5780043	25	8	152	76	8,000			
5780044	40	20	152	76	3,500			
5780045	50	30	152	76	2,500			
5780046	60	30	152	76	2,500			
5780047	60	40	152	76	2,000			
5780048	70	30	152	76	2,500			
5780049	70	50	152	76	1,600			
5780050	85	50	152	76	1,600			
5780051	102	50	152	76	1,600			

further formats on request

3M polyester foil, coated surface

A high quality foil for for permanent industrial marking of metals, paints and highly energetic plastics. UL approval no. MH18072

Adhesive: Winding:

permanently adherent outside

Service temperature: Application temperature:



Ribbons recommended Resin:

R71, CR43, B110C, AXR8

3M 7818EH polyester silver, matt, 0.081 mm*									
Part no.	Width mm	Height mm	Roll diameter mm	Core diameter mm	Labels per roll				
5556495	25	8	205	76	10,000				
5556496	50	30	205	76	2,500				
5556497	60	40	205	76	2,000				
5556498	85	50	205	76	1,670				

* not with cab printer EOS1 further formats on request

Labels for special applications

cab labelbase for multiple labeling

for example on KLT containers. It can be fixed to the desired position. Labels can be stuck on labelbase as often as required and removed quickly without leaving any residues. Standard material is paper, plastics are offered for outdoor applications

Adhesive: Winding:

permanently adherent outside

Service temperature

Application temperature

standard: -20 to +80 °C outdoor: -40 to +100 °C standard: minimum +10 °C outdoor: minimum +5 °C



	cab labelbase standard, paper								
Part no.	Width mm	Height mm	Roll diameter mm	Core diameter mm	Labels per roll				
5780052	110	60	152	76	500				
5780053	120	80	152	76	500				
5780054	160	120	152	76	500				
5780055	160	80	152	76	500				
5780056	220	80	152	76	500				
5780104	210	149	152	76	500				
5780057	220	310	152	76	250				
	cab lab	elbase outd	loor, polyprop	ylene (PP)					
Part no.	Width mm	Height mm	Roll diameter mm	Core diameter mm	Labels per roll				
5780105	120	80	152	76	500				
5780106	160	80	152	76	500				
5780103	110	160	152	76	500				
5780107	160	120	152	76	500				

further formats on request

Two-layer transparent laminated labels to protect the base label

during varnishing work. After varnishing, it can be removed with a pull-tab.

Double laminate:

Base label adhesive: Winding:

Service temperature: Application temperature: lower layer permanently adherent permanently adherent outside -20 to +100 °C minimum +5 °C

upper layer removable



Ribbons recommended Resin:

R71, CR43

	Laminated labels								
Part no.	Width mm	Height mm	Roll diameter mm	Core diameter mm	Labels per roll				
Double laminate, transparent: 5780092 Base label, white: 5780093	60	20	205	76	2,500				
Double laminate, transparent: 5780090 Base label, white: 5780091	100	20	205	76	2,500				

further formats on request

Labels for special applications

cab printers XC, Hermes C

Label printing compliant with the GHS guidelines in one operation. Proper paper and plastic labels are provided.



Paper white, slightly glossy, 80 g/m ²								
Part no.	Width mm	Height mm	Roll diameter mm	Core diameter mm	Labels per roll			
5780067	102	50	305	76	8,400			
5556403	105	148	305	76	2,900			
5780058	100	150	305	76	3,000			
5780064	110	68	305	76	6,000			
5780059	148	210	305	76	2,000			

further formats on request

Paper is universally applicable. For further types see page 2

Adhesive: Winding: Service temperature: Application temperature: permanently adherent outside -30 to +80 °C minimum -10 °C

Ribbons recommended:

Resin/wax RW63, CRW63

Polypropylene white, glossy, 0.06 mm								
Part no.	art no. Width Height Roll Core mm mm diameter diameter mm mm							
5780066	102	50	305	76	8,000			
5780062	100	150	305	76	3,000			
5780063	148	210	305	76	2,000			

further formats on request

Polypropylene is waterproof and resistant to chemicals, greases and oils. For further types see page 3

Adhesive: Winding:

Service temperature: Application temperature: permanently adherent outside -20 to +80 °C minimum +5 °C

Ribbons recommended:

Resin CR74, R 71, R81, R81R certified according to BS5609

Polyester white, matt, 0.05 mm								
Part no. Width Height Height diameter diameter mm								
5780065	102	50	305	76	8,000			
5780060	105	150	305	76	3,000			
5780061	148	210	305	76	2,000			

further formats on request

Polyester remains stable, waterproof and resistant to chemicals, greases and oils. For further types see page 3

Adhesive: Winding:

Service temperature: Application temperature:

Ribbons recommended:

permanently adherent outside -40 to +150 °C minimum +10 °C

Resin CR74*, R 71*, R81, R81R* *certified according to BS5609

Labels for special applications

cab printers MACH1, MACH2

Proper paper and plastic labels are provided.



	Paper white, slightly glossy, 80 g/m ²								
Part no.	Width mm	Height mm	Roll diameter mm	Core diameter mm	Labels per roll				
5780069	40	20	127	38	3,000				
5780070	60	40	127	38	1,700				
5780071	70	50	127	38	1,400				
5780072	102	50	127	38	1,400				
5780089	100	150	127	38	450				

further formats on request

Paper is universally applicable. For further types see page 2

Adhesive: Winding: Service temperature: Application temperature: permanently adherent outside -30 to +80 °C minimum -10 °C

Ribbons recommended:

see page 11

Polypropylene white, glossy, 0.06 mm									
Part no. Width Height Meight Height H									
5780084	40	20	127	38	3,000				
5780086	60	40	127	38	1,800				
5780087	70	50	127	38	1,400				

further formats on request

Polypropylene is particularly waterproof and resistant to chemicals, greases and oils. For further types see page 3

Adhesive: Winding:	permanently adherent outside
Service temperature: Application temperature:	-20 to +80 °C minimum +5 °C
Ribbons recommended:	see page 11

Do you have questions?



Our expert advisers accompany your requirements from the beginning to the integration to your processes. Just email to **etiketten@cab.de** For current data, see also **www.cab.de/en/labels**

Good reasons to choose cab ribbons

In thermal transfer mode, a special ribbon is heated by the print head selectively. The color layer of the ribbon melts and transfers onto the surface of the label:

- cab provides more than 20 types of ribbon for any application. Adapted specifically to cab printers, these ribbons offer a consistent high quality.
- Depending from the application and the label material, cab provides the three ribbon qualities wax, resin-wax and resin.
- cab ribbons have a special back coating to better dissipate residual heat, avoid static electrification and friction. This improves the quality of the imprint and extends the lifecycle of the print head.



Preferred types in wax quality

Wax ribbons

make sense particularly when printing on paper, because wax melts very well into the label material. With a low print energy, printing results with high contrast and good density can be achieved. Suitable for print speeds up to 300 mm/s

Color: Ink side: Core diameter: black inside 1"



CW43 - economy quality				
Part no.	Width mm	Length m	Packing unit	
5300020	55	360	20	
5300021	76	360	20	
5300022	90	360	20	
5300023	102	360	10	
5300024	110	360	10	
	W42* - s	tandard quality		
Part no.	Width mm	Length m	Packing unit	
5300301	38	360	36	
5300302	50.8	360	36	
5300303	64	360	24	
5300304	76.2	360	24	
5300305	88	360	24	
5300306	101.6	360	12	
5300307	114.3	360	12	
5300310	130	360	12	
5300311	152.4	360	12	
5300312	165	360	12	
5300313	220	360	12	

* particularly smear-proof further widths and lengths on request

Preferred types in resin/wax quality

Resin/wax ribbons

make flexible in case of universal printing on smooth paper or plastics. The density is as good as with pure wax ribbons, however, they are more resistant to smear and scratching.

Color: Ink side: Core diameter: black inside 1"



		conomy quality	ĺ
Part no.	Width mm	Length m	Packing unit
5300025	55	360	20
5300026	76	360	20
5300027	90	360	20
5300028	110	360	10
	RW62 - s	tandard quality	
Part no.	Width mm	Length m	Packing unit
5556011	25.4	360	48
5556012	38.1	360	48
5556013	50.8	360	36
5556014	64	360	36
5556015	76.2	360	24
5556016	89	360	24
5556017	101.6	360	24
5556018	114.3	360	12
	B110A-X2 ·	- standard quality	
Part no.	Width mm	Length m	Packing unit
5556160	38	360	20
5556161	55	360	20
5556162	76	360	10
5556163	90	360	10
5556172	100	360	10
5556164	114	360	10
5556259	130	360	10
5556260	165	360	10

Preferred types in resin quality

Resin ribbons

have a perfect design for rough surroundings, when plastic labels are printed. This is mainly due to their ruggedness: Synthetic resin is scratch and smear proof and resistant to chemicals and oils. No high print energy is needed. Suitable for high printable resolutions up to 600 dpi

Color: Ink side: Core diameter:

black	
inside	
1"	



Types resistant to washing and ironing on request

CR43 - economy quality					
Part no.	Width mm	Length m	Packing unit		
5300029	25	360	20		
5300030	38	360	20		
5300031	55	360	20		
5300032	65	360	20		
5300033	76	360	20		
5300034	90	360	20		
5300035	102	360	10		
5300036	110	360	10		
	R71 - st	andard quality			
Part no.	Width mm	Length m	Packing unit		
5556668	25	360	20		
5556673	38	360	20		
5556661	55	360	20		
5556665	65	360	20		
5556662	76	360	10		
5556663	89	360	10		
5556666	102	360	10		
5556695	110	360	10		
5556697	130	360	10		
5556696	154	360	10		
5556806	166	360	10		
5556807	220	360	10		
	B110C - 9	standard quality			
Part no.	Width mm	Length m	Packing unit		
5556760	38	360	20		
5556761	55	360	20		
5556762	76	360	10		
5556763	90	360	10		
5556765	100	360	10		
5556764	114	360	10		

further widths and lengths on request

further widths and lengths on request

Preferred types in resin quality

Special resin ribbons

for highly resoluted printing with print speeds up to 250 mm/s. Fully smear- and scratch-proof. UL listed. For further features see resin ribbons on page 9

Color: Ink side: Core diameter: black inside 1"



AXR8 - premium quality				
Part no.	Width mm	Length m	Packing unit	
5556291	25	360	10	
5556602	55	360	10	
5556603	110	360	10	
B110CU* - special				
Part no.	Width mm	Length m	Packing unit	
5556397	55	360	10	
5556398	110	300	10	

* only when combined with special label materials further widths and lengths on request

Ribbons for special applications

Colored ribbons

Features correspond with those of the black ribbons on pages 8 and 9.

Colors: Ink side: Core diameter: red, blue, green inside 1"



CW43C - wax, standard quality				
Part no.	Color	Width mm	Length m	Packing unit
5556071	red	76.2	360	1
5556069	blue	76.2	360	1
5556072	red	114.3	360	1
5556070	blue	114.3	360	1
	CRW63 - r	esin/wax, stand	lard quality	
Part no.	Color	Width mm	Length m	Packing unit
5556278	red	110	300	10
5556275	blue	110	300	10
5556281	green	110	300	10
5556789	red	165	300	10
	CR74 -	resin, standard	quality	
Part no.	Color	Width mm	Length m	Packing unit
5556187	red	60	300	10
5556184	blue	60	300	10
5556188	red	90	300	10
5556185	blue	90	300	10
5556189	red	110	300	10
5556186	blue	110	300	10
5556192	green	110	300	10
5556791	red	165	300	10

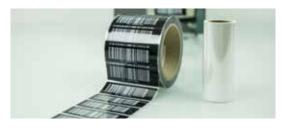
further widths and lengths on request

White ribbons, opaque

to achieve good readability on dark or even black substrates. An alternate option to comparatively expensive laser foils

Color:	wh
Ink side:	insi
Core diameter:	1"





CR43W - resin, standard quality						
Part no. Width mm Length m Packing uni						
5300040	40	360	25			
5300042	75	360	25			
5300043	85	360	25			

further widths and lengths on request

Ribbons for special applications

cab printers XC, Hermes C

Label printing compliant with the GHS guidelines in one operation.

For features of the ribbons see page 9

Colors:
Ink side:
Core diameter:

black, red, blue, green inside 1"



	RW63 - r	esin/wax, stand	ard quality	
Part no.	Color	Width mm	Length m	Packing unit
5556963	black	110	300	10
5556964	black	165	300	10
	CRW63 - I	resin/wax, stand	lard quality	
Part no.	Color	Width mm	Length m	Packing unit
5556278	red	110	300	10
5556275	blue	110	300	10
5556281	green	110	300	10
5556789	red	165	300	10
	R71 -	resin, standard	quality	
Part no.	Color	Width mm	Length m	Packing unit
5556695	black	110	360	10
5556806	black	166	360	10
	CR74	- resin, standard	quality	
Part no.	Color	Width mm	Length m	Packing unit
5556180	red	110	300	10
5556186	blue	110	300	10
5556192	green	110	300	10
5556791	red	165	300	10
		R81 - resin, spec	ial	
Part no.	Color	Width mm	Length m	Packing unit
5556956	black	110	300	8
5556958	black	165	300	5
R81R - resin, special				
Part no.	Color	Width mm	Length m	Packing unit
	red	110	300	8
5556955	rea	110	500	0

further widths and lengths on request

cab printers MACH1, MACH2

For features of the ribbons see pages 8 and 9

Color: Ink side: Core diameter: black outside 1"



AWR8 - wax, standard quality				
Part no.	Width mm	Length m	Packing unit	
5556990	55	300	10	
5556991	80	300	10	
5556992	110	300	10	
	APR6 - resin/v	vax, standard quality		
Part no.	Width mm	Length m	Packing unit	
5556993	55	300	10	
5556994	80	300	10	
5556995	110	300	10	
	R71 - resin	, standard quality		
Part no.	Width mm	Length m	Packing unit	
5556996	55	300	10	
5556997	80	300	10	
5556998	110	300	10	

further widths and lengths on request

Do you have questions?



Our expert advisers accompany your requirements from the beginning to the integration to your processes. Just email to **etiketten@cab.de** For current data, see also **www.cab.de/en/ribbons**

Information corresponds to the date of the printing. Subject to change. The data provided in the catalog do not represent any warranty or guarantee. Germany cab Produkttechnik GmbH & Co KG Karlsruhe Phone +49 721 6626 0 www.cab.de

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