cab

we identify more

Cable marking
using wrap-around labels

WICON

Made in Germany

WICON wrap-around applicator

See a video, instructions, service manuals checklists and spare part lists of WICON on **www.cab.de/en/wicon-docu**

Cylindric items of diameters from 2 mm to 16 mm, such as single wires, strands, cables, hoses, tubes or round rods, can be labeled with the wrap-around applicator.

Transparent laminate covers data blocks and protects them persistently from dust and wear.

Items are inserted in horizontal orientation and centered by panels.

The following options are available for printing and labeling:

1. Single items are inserted by hand.
   Items are positioned by centering panels.
   Start is triggered automatically after insertion.

2. Single items are inserted by a robot.
   Items are identified by centering panels.
   Start is triggered via a data or I/O interface.

3. Continuous items are fed and positioned automatically.
   Centering panels remain open by expansion.
   Items are guided through the center.
   Start is triggered via a data or I/O interface.

Item diameters and label lengths define the number of wrap-arounds. Cycles are 1.8 to six seconds.

While labels are wrapped around an item, the aperture for insertion and removal is covered by a finger guard. Operations require materials guided centered on a printer, as well as a slim print roller.

The properties of cab wrap-around labels are adapted to automated labeling using WICON, so is manufacture. All labels – from the first to the last – are applied precisely with the help of pretension and retension. cab does not provide any functional warranty if third-party labels are in use.

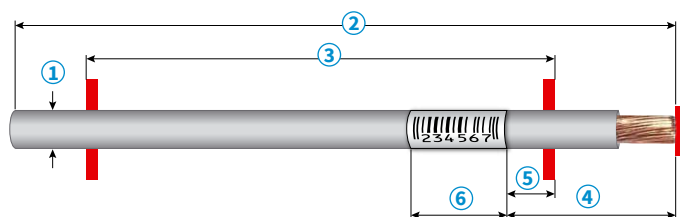Make sure item surfaces are clean and free of lubricants.

The data block of a label can be printed using cablabel S3, release 1.4.0.5 or later. Find sample labels on **www.cab.de/en/cablabel**

cab recommends materials be tested at the factory, in particular if diameters are less than 3 mm.

Technical data

Wrap-around applicator			WICON
① Item diameter [1]		mm	2.0 - 16.0
② Item length		mm at least	134
③ Centering panel distant from left to right		mm	124
④ Item length label margin to stop		mm	25 - 120
⑤ Label margin distant to centering panel		mm	12.7
Deflection related to a length of 124 mm		mm max.	1
⑥ Label width		mm	12.7 - 50.8
height		mm	19.1 - 70.0
Applicator	Cycle of printing and applying or applying and printing	s	1.8 - 6
	Number of wrap-arounds		2 - 10
	Speed of wrapping around	u/sec	3.0
	Rolling on related to speed of wrapping around	%	10 - 100
Start	automatically, as soon as an item has been inserted by hand		
	or via data interface		
	or via I/0 interface		

[1] 1.5 mm diameter after sampling and release

④ Label margins can be aligned 25 mm to 120 mm distant to the stop by scale.

⑤ The applicator is aligned to the edge of the liner material by lateral movement. The distance from the label margin to a centering panel is 12.7 mm for all material widths.

Label printer			SQUIX 4/MP	
Material guiding			centered	
Print method			thermal transfer	
Print resolution		dpi	300	600
Print speed		mm/s max.	200	150
Print width		mm max.	105.7	
Finishing	Roll diameter	mm max.	205	
	Core diameter	mm	76	

Pivoting the applicator allows label and ribbon turnover.

Opening the service door enables access to the wrapper head in cases of errors, such as label jams.

Pos.		Part no.	Designation
1.1		5977007	SQUIX 4/300MP label printer
		5977008	SQUIX 4/600MP label printer
3.1		5988000	WICON wrap-around applicator Included in the accessory pack: - DR4-M60 print rollers - WICON peel-off plate

See technical SQUIX data, accessories and software on **www.cab.de/en/squix**

WLV wrap-around labels

Labels can be removed from the peel-off plate of a printer by hand or be applied by the wrap-around applicator directly onto items.

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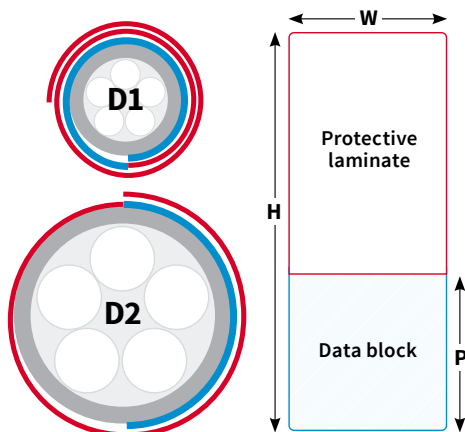
Make sure item surfaces are clean and free of lubricants.

All-around labeling
Data blocks capture the circumference of an item to the **D1** diameter. Data blocks are partially covered in cases of smaller diameters.

Partial labeling
Protective laminate captures a data block to the **D2** diameter.

Part no.	Data block	Item Ø			Label width W mm	Label height H mm	Data block height P mm	Labels / Roll	PU 1 Roll	PU 2 Rolls in cardboard box
		D min. mm	D1 mm	D2 mm						
5780138.130	white	2.0*	2.0	4.0	12.7	19.1	6.4	7,450	1	20
5780139.130	white	2.0*	2.0	4.0	25.4	19.1	6.4	7,450	1	20
5780140.130	white	2.0*	3.0	5.0	25.4	25.4	9.5	5,800	1	20
5780145.130	white	2.0	4.0	6.0	25.4	31.8	12.7	4,750	1	20
5780146.130	white	2.0	4.0	8.0	12.7	38.1	12.7	4,000	1	20
5780147.130	white	2.0	4.0	8.0	19.1	38.1	12.7	4,000	1	20
5780148.130	white	2.0	4.0	8.0	25.4	38.1	12.7	4,000	1	20
5780149.130	white	2.0	4.0	8.0	50.8	38.1	12.7	4,000	1	10
5780150.130	white	3,0	6.0	12.0	25.4	57.2	19.1	2,750	1	20
5780151.130	white	3,0	6.0	14.0	25.4	63.5	19.1	2,450	1	20
5780153.130	white	3,0	6.0	14.0	38.1	63.5	19.1	2,450	1	10
5780154.130	white	5,0	6.0	16.0	25.4	70.0	19.1	2,250	1	20
5780155.130	white	5,0	6.0	16.0	50.8	70.0	19.1	2,250	1	10

*1.5 mm diameter after sampling and release

Further sizes and colors can be provided upon request, so can labels free of halogen.

Ribbons

One ribbon roll serves for printing two rolls of wrap-around labels.

Part no.	Width mm	Length m	PU 1 Roll	PU 2 Rolls in cardboard box
5557402.133	55	360	1	10

Material R71 resin, black, color side in

Material	Vinyl
Thickness	80 µm
Adhesive	permanent
Application temperature	+15 °C to +35 °C
Service temperature	-40 °C to +80 °C relative humidity 60% to 85%
Operation	indoor, outdoor
Resistances	water, dirt, petrol, oils, alcohol, detergents, UV light
Approval	UL 969A – UL File Number MH66033
Roll finishing	Outside diameter max. 205 mm Core diameter 76 mm

Scopes of delivery, designs and technical data correspond to the date of this publication. They are subject to change.