cab
we identify more

Cable marking
using wrap-around labels

WICON
Made in Germany

WICON wrap-around applicator

Cylindric items of diameters 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 protects data blocks persistently from environmental impacts.

Items are inserted in horizontal orientation and centered by panels. Printing a label and wrapping it around an item takes 1.8 to six seconds, depending on the number of wrap-arounds.

Operation starts as soon as an item has been inserted. It may be triggered also by a foot switch, a data interface or an I/O interface. A label is printed and then picked up by the applicator. The diameter of an item is identified on the wrapper head. The size of a label determines how many times it will be wrapped around the item.

A finger guard covering the feed opening prevents items from being inserted or removed while wrap-arounds are in process.

Operations require materials been guided centered on a printer, as well as a slim print roller.

Only wrap-around labels provided by cab guarantee reliable applications. Make sure item surfaces are clean and free of lubricants.

cab recommends specific materials, in particular small diameters of 2 mm to 3 mm, be tested at the factory.

Pivoting the applicator allows label rolls or ribbons been replaced easily.

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

Technical data

Wrap-around applicator			WICON
Item	Diameter	mm	2.0 - 16.0
	Length	mm at least	132
	Centering panel distant to left and right	mm	124
	Label margin distant to centering panel	mm	12.7
	Label margin distant to edge of item by stop	mm	25 - 100
	Deflection related to a length of 124 mm	mm	max. 1
Label	Width	mm	12.7 - 50.8
	Height	mm	19.1 - 70.0
Applicator	Cycle time printing and applying or applying and printing	s	1.8 - 6
	Number of wrap-arounds		2 - 10
	Speed of wrapping	u/sec	3.0
	Initial percentage of speed of wrapping		10 to 100 %
	Wrapper position	mm	-2
Start	automatically, as soon as an item has been inserted by hand		
	or via data interface		
	or via I/0 interface		

Label printer			SQUIX 4/MP	
Materials guided on the printer			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	

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

Label margins are at least 12.7 mm distant to the outside of the centering panel. Moving the applicator aligns the outside of a liner material to the marking.

Stop

Items can be aligned 25 mm to 100 mm distant to the margin of a label using a stop.

- The stop can be rotated by 180°.
- Narrow side with small item diameters
- Wider side with item diameters 5 mm or more

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

xxxxxxx.250 options assembled

Pos.		Part no.	Options / accessories	
2.1		**5977767.xxx**	Digital I/O interface 24 VDC	Label applications are triggered by a PLC or a foot switch. Status reports are indicated simultaneously, so are errors.
2.2		**5955711**	Foot switch	digital I/O interface is required

xxx - .250 assembled to a printer
.001 separate delivery

Wrap-around labels

Transparent laminate covers data blocks and protects them persistently from environmental impacts.

Labels can be removed from the peel-off plate of a printer by hand or transfered by the wrap-around applicator directly to items.
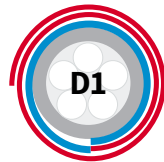
With labels 19.1 mm to 63.5 m mm high (H), item diameters 2 mm to 16 mm can be labeled. If using labels 70 mm high, the item diameter must be 6 mm or more.

Only wrap-around labels provided by cab guarantee reliable applications. Make sure item surfaces are clean and free of lubricants.

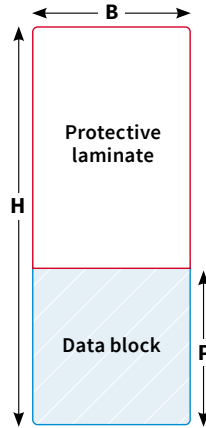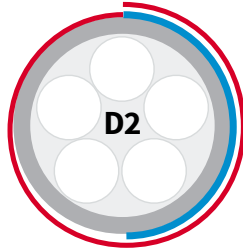cab recommends specific materials, in particular small diameters of 2 mm to 3 mm, be tested at the factory.

All-around labeling
Up to the **D1** diameter value, a data block captures the circumference of an item.

Partial labeling
Up to the **D2** diameter value, protective laminate captures a data block.

Part no.	Data block color	Product Ø		Label width B mm	Label height H mm	Data block height P mm	No. of labels per roll	PU 1 Rolls	PU 2 Rolls in cardboard box
		D1 mm	D2 mm						
5780138.130	white	2.0	4.0	12.7	19.1	6.4	7,450	1	20
5780139.130	white	2.0	4.0	25.4	19.1	6.4	7,450	1	20
5780140.130	white	3.0	5.0	25.4	25.4	9.5	5,800	1	20
5780146.130	white	4.0	8.0	12.7	38.1	12.7	4,000	1	20
5780147.130	white	4.0	8.0	19.1	38.1	12.7	4,000	1	20
5780148.130	white	4.0	8.0	25.4	38.1	12.7	4,000	1	20
5780149.130	white	4.0	8.0	50.8	38.1	12.7	4,000	1	10
5780151.130	white	6.0	14.0	25.4	63.5	19.1	2,450	1	20
5780153.130	white	6.0	14.0	38.1	63.5	19.1	2,450	1	10
5780154.130	white	6.0	16.0	25.4	70.0	19.1	2,250	1	20
5780155.130	white	6.0	16.0	50.8	70.0	19.1	2,250	1	10

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.	PU 1 Rolls	PU 2 Rolls in cardboard box	Width mm	Length m
5557402.133	1	10	55	360

Material   R71 resin, black, color side in

Material	Vinyl (PVC)
Thickness	80 μm
Adhesive	permanent
Application temperature	+15 to +35 °C
Service temperature	-40 to +80 °C
	relative humidity of 60 to 85%
Operation	indoor, outdoor
Resistances	water, dirt, petrol, oils, alcohol, detergents, UV light
Approvals	UL 969 in preparation
Roll finishing	Outside ø max. 205 mm
	Core ø 76 mm

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

Checklist for WICON wrap-around applicator

Customer / Customer no. _____

Contact _____

Phone _____

Street _____

Zip code / City _____

Email _____

Date of issue _____

Target date _____

Project owner _____

Project control _____

Configurator no. _____
(filled in by cab)

1. Application

- ☐ Labeling of cables in a control cabinet
- ☐ Labeling of cables during assembly
- ☐ Others _____
- ☐ Application temperature _____
- ☐ Service temperature _____

2. Product

Product name _____

Product diameter from _____ to _____

3. Have wrap-around labels been already in use?

- ☐ yes   ☐ no

4. If yes, how are labels applied?

- ☐ by hand   ☐ automatically

5. Wrap-around labels in use so far

Pos.	Label		Data block		Quantity
	Width	Height	Height	Color	Pieces per year
1					
2					
3					
4					

Material _____

halogen-free required	☐ yes	☐ no
UL-certification required	☐ yes	☐ no

Notes

6. Prepare an offer for

Pos.	Part no.	Description	Quantity
1.1	5977007.xxx	SQUIX 4/300MP label printer	
1.2	5977008.xxx	SQUIX 4/600MP label printer	
2	5988000	WICON wrap-around applicator	
3	5977767.xxx	I/O interface	
4	5955711	Foot switch	

xxx - .250 assembled to a printer
.001 separate delivery

cab wrap-around labels Material _____

Pos.	Part no.	Label		Labels per roll	Quantity Rolls
		Width	Height		
1					
2					
3					
4					

Ribbons Width 55 mm / length 360 m
R71 resin, black, color side in

Pos.	Part no.	PU 1 roll	PU 2 rolls per box	Number of rolls
1	5557402.133	1	10	

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

Filled in by cab:

Practicable   ☐ **yes**   ☐ **no**

Name _____

Phone _____

Email _____

Date _____ **Signature** _____

**Customer approval required after
check of practicability:**   ☐ **yes**   ☐ **no**

Name _____

Phone _____

Email _____

Date _____ **Signature** _____