

# Cable and wiremarking

Wicon wrap-around system



**WICON**

 **LAPP**



# Wicon\* wrap-around applicator system

The Wicon system will automate your wire and cable identification process and can increase the production output significantly.

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. They can be aligned 25 mm to 100 mm (1" to 4") distant to the margin of a label using a stop.

Printing a label and wrapping it around an item takes 1.8 to 6 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 during wrapping around.

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

Pivoting the applicator allows label roll or ribbons to be replaced easily.

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

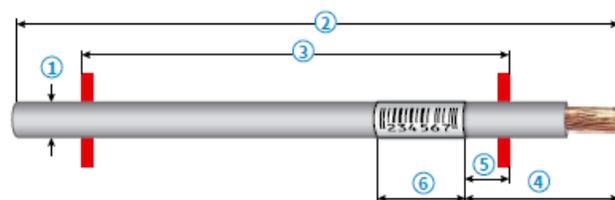


\*Trade product, no LAPP product.

## Wrap-around applicator

Technical data		WICON		
Item	① Diameter <sup>1)</sup>	mm	2.0-16.0	
	② Length	mm at least	134	
	③ Centering panel distant to left and right	mm	124	
	④ Item length label margin to stop	mm	25- 100	
	⑤ Label margin distant to centering panel	mm	12.7	
	Deflection related to a length of 124 mm	mm	max. 1	
Label	⑥ 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 around		u/sec	3.0
	Rolling on related to speed of wrapping around		%	10-100
Start	As soon as an item has been inserted by hand			
	or via data interface			
	or via I/O interface			

<sup>1)</sup>1,5 mm diameter after sampling and release



- ④ Label margins can be set 25 mm to 100 mm distant to the edge of an item using the stop.
- The stop can be rotated by 180°
  - Narrow side with small item diameters
  - Wider side with item diameters 5 mm or more.

- ⑤ 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.

## Label printer

Technical data		SQUIX 4/MP	
Materials guided on the printer		centered	
Print method		Thermal transfer	
Print resolution	dpi	300	
Print speed	mm/s max.	200	
Print width	mm max.	105.7	
Finishing	Roll diameter	mm max.	205
	Core diameter	mm	76

## Article list

### Article no. Label printer

83259579 SQUIX 4/300MP label printer



### Article no. Applicator

83259569 WICON wrap-around applicator  
Included in the accessory pack are:

- DR4-M60 print roller
- WICON peel-off plate



Optional accessories are available. Please ask for further information.



See further information on  
[www.fleximarkshop.se/en/](http://www.fleximarkshop.se/en/)

# 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 transferred by the wrap-around applicator directly to items.

The labels are wound in single lanes.

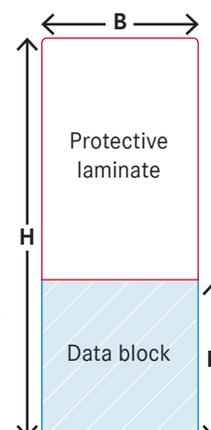
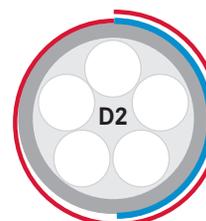
With labels 19.1 mm to 63.5 mm high (H), items diameters 2 mm to 16 mm can be labeled. If using labels 70 mm high, the item diameter must be 6 mm or more.



**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.



## Article list

Article no.	Data block color	Product Ø		Label width B mm	Label height H mm	Data block height P mm	No. of labels per roll	VPE 1 Single roll
		D1 mm	D2 mm					
83259970	white	2.0	4.0	12.7	19.1	6.4	7,450	1
83259971	white	2.0	4.0	25.4	19.1	6.4	7,450	1
83259972	white	3.0	5.0	25.4	25.4	9.5	5,800	1
83259973	white	4.0	8.0	12.7	38.1	12.7	4,000	1
83259974	white	4.0	8.0	19.1	38.1	12.7	4,000	1
83259975	white	4.0	8.0	25.4	38.1	12.7	4,000	1
83259976	white	4.0	8.0	50.8	38.1	12.7	4,000	1
83259977	white	6.0	14.0	25.4	63.5	19.1	2,450	1
83259978	white	6.0	14.0	38.1	63.5	19.1	2,450	1
83259979	white	6.0	16.0	25.4	70.0	19.1	2,250	1
83259980	white	6.0	16.0	50.8	70.0	19.1	2,250	1

Further sizes, colors and materials can be provided upon request.

<b>Material:</b>	Vinyl (PVC)
<b>Thickness:</b>	80 µm
<b>Adhesive:</b>	Permanent
<b>Application temperature:</b>	+15 °C to +35 °C
<b>Service temperature:</b>	-40 °C to +80 °C
	relative humidity 60% to 85%
<b>Operation:</b>	Indoor, outdoor
<b>Resistances:</b>	Water, dirt, petrol, oils, alcohol, detergents, UV light
<b>Approval:</b>	<b>UL 969A – UL file number MH66033</b>
<b>Roll finishing:</b>	Outside diameter max. 205 mm Core diameter 76 mm

## Ribbons

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



### Article list

Article no.	Width mm	Length mm
83259604	55	360

**Material:** R71 resin, black, inside color layer

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