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 on a label 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 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 during wrapping around.

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

Operations require materials guided centered on a printer, as well as a slim DR4-M60 print roller.

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	s	1.8 - 6
	Number of wrap-arounds		2 - 10
Start	as soon as an item has been inserted by hand		
	via data interface		
	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 further information on
www.cab.de/en/wicon

Label margins are 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

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

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

xxxxxxx.250 with options assembled

Pos.	Part no.	Options	
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.

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

Pos.	Part no.	Accessory
2.2	**5955711**	Foot switch

Wrap-around labels

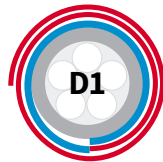Transparent laminate covers data blocks on a label and protects them persistently from environmental impacts.

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

The labels are wound in single lanes and are individually packed.

With labels 19.1 mm to 63.5 m 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.
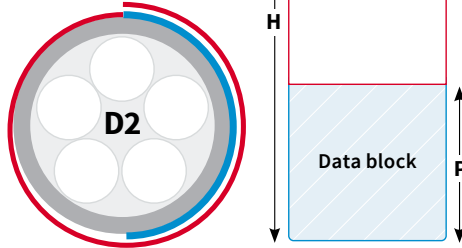
Item diameter D1
Up to this value, a data block captures the circumference of an item.

Item diameter D2
Up to this 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	VPE 1 Single roll	VPE 2 Rolls per box
		D1 mm	D2 mm						
5780120.130	white	2.0	4.0	12.7	19.1	6.4	7,450	1	20
5780121.130	white	2.0	4.0	25.4	19.1	6.4	7,450	1	20
5780122.130	white	3.0	5.0	25.4	25.4	9.5	5,800	1	20
5780128.130	white	4.0	8.0	12.7	38.1	12.7	4,000	1	20
5780129.130	white	4.0	8.0	19.1	38.1	12.7	4,000	1	20
5780130.130	white	4.0	8.0	25.4	38.1	12.7	4,000	1	20
5780131.130	white	4.0	8.0	50.8	38.1	12.7	4,000	1	10
5780133.130	white	6.0	14.0	25.4	63.5	19.1	2,450	1	20
5780135.130	white	6.0	14.0	38.1	63.5	19.1	2,450	1	10
5780136.130	white	6.0	16.0	25.4	70.0	19.1	2,250	1	20
5780137.130	white	6.0	16.0	50.8	70.0	19.1	2,250	1	10

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

Material	Vinyl (PVC)
Thickness	80 µm
Adhesive	permanent
Temperature	-40 to +110 °C
	-40 to +80 °C on UL approval
Operation	inddor, outdoor
Resistances	water, dirt, petrol, oils, alcohol, detergents, UV light
Approvals	UL 969 in preparation
Roll finishing	outside diameter max. 205 mm
	core diameter 76 mm

Ribbons

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

VPE 1 1 roll Part no.	VPE 2 10 rolls per box Part no.	Width mm	Length m
5557402.137	5557402.133	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.