cab

we identify more

Labeling cables
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.

Data blocks on labels are protected persistently from environmental impacts by transparent laminate.

Items inserted horizontally are set by centering panels. Items can be aligned 25 mm to 100 mm (1" to 4") distant to a label margin, using a stop.

The cycle time for printing and wrapping is 1.8 - 6 seconds, depending on the number of wraps.

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

The slot to insert or remove items is covered by a finger guard during processing.

Only wrap-around labels provided by the manufacturer guarantee proper applications.
Item surfaces must be clean and free of lubricants.

Pivoting the applicator enables label rolls or ribbons be replaced easily.

In cases of errors to fix, such as label jams, opening the service door provides access to the wrapper head.

Technical data

Wrap-around applicator			WICON
Item	Diameter	mm	2.0 - 16.0
	Length	mm at least	132
	Centering panel distant to left or right	mm	124
	Label margin distant to centering panel	mm	12.7
	Label margin distant to product by stop	mm	25 - 100
	Deflection as for a length of 124 mm	mm	max. 1
Label	Width	mm	12.7 - 50.8
	Height	mm	19.1 - 70.0
	Material		PVC
Applicator	Rates as for printing and applying a label	s	1.8 - 6
	No. of wrap-arounds		2 - 10
Start	as soon as an item has been inserted by hand		
	via data interface		
	via I/O interface		

Label printer			SQUIX 4/MP	
Material guidance 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	
Material finishing	Roll diameter mm max.		205	
	Core diameter	mm	76	

Label margins are 12.7 mm distant to the centering panel. By moving the applicator, the wheel is aligned from the carrier material to the marking is aligned.

Guide ruler

Label margins can be set 25 mm to 100 mm distant to an item using the stop.

- The stop rotates by 180°.
- The narrow side fits with small product diameters.
- With product diameters 5 mm or more,
  the wider side is recommended.

See further information on
www.cab.de/en/wicon

Pos.		Part no.	Label printers	Pos.		Part no.	Applicator
1.1		**5977007**	SQUIX 4/300MP label printer	3.1		**5988000**	WICON wrap-around applicator
		5977008	SQUIX 4/600MP label printer				

xxxxxxx.250 with options been assembled

Pos.		Part no.	Optional equipment	
2.1		**5953700.xxx**	DR4-M30 print roller with labels up to 19.1 mm wide	Small materials require adapted print rollers. These prevent from errors in feeding.
2.2		**5953701.xxx**	DR4-M60 print roller with labels up to 50.8 mm wide	
2.3		**5977767.xxx**	Digital I/O interface 24 VDC	Print jobs are triggered by a PLC or a foot switch. Status reports and errors are indicated simultaneously.

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

Pos.		Part no.	Accessory
2.4		**5955711**	Foot switch

Wrap-around labels

Data blocks on labels are protected persistently from contamination and wear by transparent laminate.

The labels can be removed by hand from the peel-off plate on a printer or applied by the wrap-around applicator to items.

Labels are wound in single lanes. Rolls are packed individually.

With labels 19.1 mm to 63.5 mm high (H), items of diameters 2 mm to 16 mm can be labeled. Using labels 70 mm high, the smallest possible item diameter is 6 mm.

Product diameter D1
Up to this value, a data block captures the circumference of an item.

Product diameter D2
Up to this value, the protective laminate captures the data block.

| Part no. | Data block color | Item Ø | | Label width B mm | Data block height P mm | Label height H mm | No. of labels on a roll | R71 resin ribbon | |
		D1 mm	D2 mm					Width mm at least	Part no.
5780120.130	white	2.0	4.0	12.7	6.4	19.1	7,450	25	5557401.133
5780121.130	white	2.0	4.0	25.4	6.4	19.1	7,450	55	5557402.133
5780122.130	white	3.0	5.0	25.4	9.5	25.4	5,800	55	5557402.133
5780128.130	white	4.0	8.0	12.7	12.7	38.1	4,000	25	5557401.133
5780129.130	white	4.0	8.0	19.1	12.7	38.1	4,000	55	5557402.133
5780130.130	white	4.0	8.0	25.4	12.7	38.1	4,000	55	5557402.133
5780131.130	white	4.0	8.0	50.8	12.7	38.1	4,000	55	5557402.133
5780133.130	white	6.0	14.0	25.4	19.1	63.5	2,450	55	5557402.133
5780135.130	white	6.0	14.0	38.1	19.1	63.5	2,450	55	5557402.133
5780136.130	white	6.0	16.0	25.4	19.1	70.0	2,250	55	5557402.133
5780137.130	white	6.0	16.0	50.8	19.1	70.0	2,250	55	5557402.133

Labels can be provided in further sizes or colors upon request.

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

Part no.	Width mm	Length m
5557401.133	25	360
5557402.133	55	360

Material	R71 resin, black, inside color layer

Material	PVC
Thickness	80 µm
Adhesive	permanent
Temperature	-40 to +110 °C
	-40 to +80 °C with UL approval
Operation	indoor, outdoor
Resistances	water, dirt, petrol, oils, alcohol, detergents, UV light
Approvals	UL 969 in preparation
Material finishing roll	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.