

Product marking

Stroke applicators 4114, 4116

Labels very small or midsized can be applied in real time from all sides.

The pad locates in front of the peel-off plate. It picks up a label while it is being printed. Powered by a short stroke cylinder, the pad is brought into position in horizontal direction. The label is transferred to a product by a stroke cylinder. The length of the stroke cylinder defines the maximum distance of a product to the peel-off plate.



Accessories

- 5.13 **Blow tube**
- 5.14 **Unit to regulate compressed air**
- 5.17 **Pressure-reducing valve**



Tamp-on pad

Labels are precisely tamped on plane surfaces. Recessed levels are possible as well.

Tamp-on pad, providing a damping layer
When applying labels to hard surfaces, the noise level is reduced. It benefits also in cases of rough structures or little unevenness.

Tamp-on pad, providing a label stop
It enables small labels be applied exactly on spot to a product.

Blow-on pad
It benefits when labels have to be applied to sensitive surfaces or products in motion. Labels are blown on by a blast of air. Stroke cylinder adjustment enables bridging distances of 5 to 10 mm to the surface of a product.

			Tamp-on pad	Tamp-on pad, providing a damping layer	Tamp-on pad, providing a label stop	Blow-on pad
Technical data			4114, 4116 L/R 11 F	4114, 4116 L/R 12 F	4114, 4116 L/R 61 F	4114 L/R 2100
Label widths operating a	HERMES Q2	mm	4 - 58	10 - 58	10 - 58	10 - 58
	HERMES Q4/Q4.3	mm	10 - 114	10 - 114	10 - 114	10 - 114
	HERMES Q6.3	mm	50 - 174	50 - 174	50 - 174	-
Label heights operating a	HERMES Q2	mm	4 - 80	8 - 80	4 - 80	10 - 80
	HERMES Q4/Q4.3	mm	8 - 80	8 - 80	8 - 80	10 - 80
	HERMES Q6.3	mm	8 - 80	8 - 80	8 - 80	-
State of a product	at rest			■		
at the moment a label is applied	in motion	-	-	-	-	■
Label applications	from the top			■		
	from below			■		
	from the side			■		
Product heights	uniform		-	-	-	■
	variable		■	■	■	-
Short stroke cylinder, horizontal	mm	10				
Distance of a product to the bottom of the unit using a cylinder stroke of	200	up to mm	135	135	135	140
	300	up to mm	235	235	235	240
	400	up to mm	335	335	335	340
Depth of a pad immersing F ¹⁾	up to mm	110	110	110	-	
Compressed air	bar	4.5				
Cycle rate ²⁾	labels/min approx.	30				

¹⁾ On the cover HERMES Q2/Q4/Q4.3 cut-out dimension F standard 60 mm, optional 100 mm, on request up to 110 mm
On the cover HERMES Q6.3 cut-out dimension F standard 25 mm, on request up to 110 mm

²⁾ calculated using a stroke of 100 mm below the unit, labels 40 mm high, a print speed of 100 mm/s

Product marking

Stroke applicators 4114, 4116

Labels very small or midsized can be applied in real time from all sides.

The pad locates in front of the peel-off plate. It picks up a label while it is being printed. Powered by a short stroke cylinder, the pad is brought into position in horizontal direction. The label is transferred to a product by a stroke cylinder. The length of the stroke cylinder defines the maximum distance of a product to the peel-off plate.



Accessories

- 5.13 **Blow tube**
- 5.14 **Unit to regulate compressed air**
- 5.17 **Pressure-reducing valve**



Form pad

Labels are precisely applied to cylindrical objects, inclined or curved surfaces. Curved form pads prevent from blistering on very smooth and plane surfaces. 200° maximum label wrapping on cylindrical objects

Technical data		Form pad
		4114, 4116 L/R 8800
Label widths operating a HERMES Q2	mm	10 - 58
HERMES Q4/Q4.3	mm	10 - 114
HERMES Q6.3	mm	50 - 174
Label heights	mm	8 - 80
State of a product at the moment a label is applied	at rest	■
Label applications	from the top	■
	from below	■
	from the side	■
Product heights	variable	■
Short stroke cylinder, horizontal	mm	10
Distance of a product to the bottom of the unit using a cylinder stroke	200 up to mm	135
	300 up to mm	235
	400 up to mm	335
Compressed air	bar	4.5
Cycle rate ¹⁾	labels/min approx.	20

¹⁾ calculated using a stroke of 100 mm below the unit, labels 40 mm high, a print speed of 100 mm/s
If the height of the form pad exceeds 25 mm, the cover of HERMES Q must be adapted.