

Package marking

Stroke applicators 4014, 4016

Labels can be applied in real time from all sides to packages. The type of pad defines whether a package has to be at rest or can be in motion at the time a label is applied.

The pad locates in front of the peel-off plate. It picks up a label while it is being printed. The label is transferred to a package with the help of a stroke cylinder. The package is detected by a sensor and the pad returned to its initial position. The length of the stroke cylinder defines the maximum distance of a package 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.

Universal pad

Labels can be tamped on plane surfaces. Drilled holes are provided in gaps of 5 mm to suck a label. The holes are covered by a sliding foil, but can be opened according to the size of a label using a punching tool. Delivery includes two extra foils.

Tamp-on pad, spring-mounted

Labels can be applied to surfaces inclined by a maximum of 15°. Heights within the area of a label may vary by 10 mm at most.

Universal pad, spring-mounted

Labels can be applied to surfaces inclined by a maximum of 15°. Heights in the area of a label may vary by 10 mm at most. To suck a label, drilled holes are provided in gaps of 5 mm and covered by a sliding foil. Delivery includes two extra foils.

4.8



		Tamp-on pad	Universal pad	Tamp-on pad, spring-mounted	Universal pad, spring-mounted
Technical data		4014, 4016 L/R 11 F	4014 L/R 1100	4014, 4016 L/R 3100	4014 L/R 3100
Label widths operating a	HERMES Q4/Q4.3 mm	20 - 114	75 / 90	80 - 114	116 / 116
	HERMES Q6.3 mm	50 - 174	-	80 - 174	-
Label heights operating a	HERMES Q4/Q4.3 mm	20 - 210	60 / 90	80 - 210	102 / 152
	HERMES Q6.3 mm	25 - 210	-	80 - 210	-
State of a package at the moment a label is applied	at rest			■	
Label applications	from the top			■	
	from below			■	
	from the side			■	
Package heights	variable			■	
Distance of a package to the bottom of the unit using a cylinder stroke of 200	up to mm	135	135	130	130
	300 up to mm	235	235	230	230
	400 up to mm	335	335	330	330
Depth of a pad immersing F ¹⁾	up to mm	120	-	-	-
Compressed air	bar			4.5	
Cycle rate ²⁾	labels/min approx.			25	

¹⁾ On the cover HERMES Q2/Q4/Q4.3 cut-out dimension F standard 60 mm, optional 100 mm, on request up to 120 mm
On the cover HERMES Q6.3 cut-out dimension F standard 25 mm, on request up to 120 mm

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

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Accessories

5.13 Blow tube

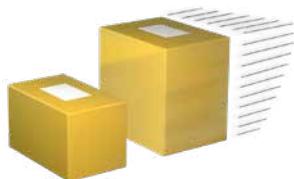
5.14 Unit to regulate compressed air

5.17 Pressure-reducing valve



Blow-on pad

It benefits when labels have to be applied to sensitive surfaces or packages 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 package.



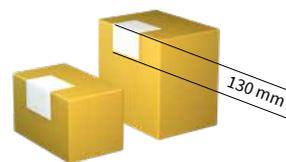
Roll-on pad

Labels are rolled on plane surfaces while these packages are in motion.



Corner-wrap pad

Labels are applied to a package on two sides adjacent to one another. One half of a label is applied to the top of a package. Then the other half of the label is rolled on.



Technical data		Blow-on pad 4014 L/R 2100	Roll-on pad 4014, 4016 L/R 4100	Corner-wrap pad 4014 L/R 5100
Label widths operating a	HERMES Q4/Q4.3 mm	20 - 114	25 - 114	20 - 114
	HERMES Q6.3 mm	provided on request	50 - 174	-
Label heights operating a	HERMES Q4/Q4.3 mm	20 - 100	80 - 250	60 - 210
	HERMES Q6.3 mm	provided on request	80 - 250	-
State of a package at the moment a label is applied	at rest	■	-	■
	in motion	■	■	-
Label applications	from the top		■	
	from below	■	■	-
	from the side	■	■	-
Package heights	uniform	■	-	-
	variable	-	■	■
Distance of a package to the bottom of the unit using a cylinder stroke of	200 up to mm	140	160	100
	300 up to mm	240	260	200
	400 up to mm	340	360	300
Compressed air	bar		4.5	
Cycle rate ¹⁾	labels/min approx.	25	20	20

¹⁾ calculated using a stroke of 100 mm below the unit, labels 100 mm high, a print speed of 100 mm/s