Stroke applicators HQ 4014, HQ 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.

4.8

Accessories

5.13 **Blow tube**

5.14 **Unit to regulate compressed air**

Options

5.17 **Pressure-reducing valve**

5.18 **Reduced-force applicator**

Stroke applicators		HQ 4014L/R-200	HQ 4014L/R-300	HQ 4014L/R-400	HQ 4014L/R-600	HQ 4016L/R-200	HQ 4016L/R-300	HQ 4016L/R-400	HQ 4016L/R-600
Package heights	variable	■							
State of a package at the moment a label is applied	at rest	■							
Label applications		from the top, from below, from the side			from the top, from below	from the top, from below, from the side			from the top, from below
Distance of a package to the bottom of the unit	up to mm	130	230	330	530	130	230	330	530
Weight of applicator	packaging excluded kg	5	5	7	9	5	5.5	7.5	9.5
Consumption of power	W max.	15							
Compressed air	bar	4,5							
Cycle rate[1]	labels/min approx.	25							

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

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 witin 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.

			Tamp-on pad	Universal pad	Tamp-on pad, spring-mounted	Universal pad, spring-mounted
Transfer modules			**4014, 4016 L/R 11 F**	**4014 L/R 1100**	**4014, 4016 L/R 3100**	**4014 L/R 3100**
Label widths	HERMES Q4/Q4.3	mm	20 - 114	75 / 90	80 - 114	116 / 116
	HERMES Q6.3	mm	50 - 174	-	80 -174	-
Label heights	HERMES Q4/Q4.3	mm	20 - 210	60 / 90	80 - 210	102 / 152
	HERMES Q6.3	mm	25 - 210	-	80 - 210	-
Depth of a pad immersing F[2]		up to mm	140	–	–	–

[2] On the cover HERMES Q2/Q4/Q4.3 cut-out dimension F standard 60 mm, optional 100 mm, upon request up to 120 mm
On the cover HERMES Q6.3 cut-out dimension F standard 25 mm, upon request up to 120 mm

Stroke applicators HQ 4014, HQ 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.

4.8

Accessories

5.13 **Blow tube**

5.14 **Unit to regulate compressed air**

Options

5.17 **Pressure-reducing valve**

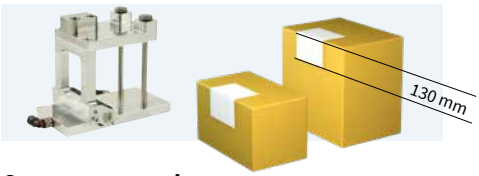
5.18 **Pressure-reduced applicator**

Stroke applicators			HQ 4014L/R-200	HQ 4014L/R-300	HQ 4014L/R-400	HQ 4014L/R-600	HQ 4016L/R-200	HQ 4016L/R-300	HQ 4016L/R-400	HQ 4016L/R-600
State of a package		at rest	Blow-on pad, Corner-wrap pad							
at the moment a label is applied		in motion	Blow-on pad, Roll-on pad							
Label applications		from the top	Blow-on pad, Roll-on pad, Corner-wrap pad							
		from below	Blow-on pad, Roll-on pad							
		from the side	Blow-on pad, Roll-on pad			-	Blow-on pad, Roll-on pad			-
Distance of a package	Blow-on pad	up to mm	140	240	340	540	-	-	-	-
to the bottom of the unit	Roll-on pad	up to mm	160	260	360	560	160	260	360	560
	Corner-wrap pad	up to mm	100	200	300	500	-	-	-	-
Package heights		uniform	Blow-on pad							
		variable	Blow-on pad, Corner-wrap pad							
Weight of applicator		packaging excluded kg	5	5	7	9	5.5	5.5	7.5	9,5
Consumption of power		W max.	15							
Compressed air		bar	4,5							
Cycle rate[1)]		labels/min approx.	25							

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

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.

			Blow-on pad	Roll-on pad	Corner-wrap pad
Transfer modules			**4014 L/R 2100**	**4014, 4016 L/R 4100**	**4014 L/R 5100**
Label widths	HERMES Q4/Q4.3	mm	20 - 114	25 - 114	20 - 114
	HERMES Q6.3	mm	provided upon request	50 - 174	-
Label heights	HERMES Q4/Q4.3	mm	20 - 100	80 - 250	60 - 210
	HERMES Q6.3	mm	provided upon request	80 - 250	-