

Package marking

Vacuum belt applicators 5414, 5416

Labels can be applied in real time from all sides on cylindric surfaces, or corner-wrap to packages in motion.

The applicator locates in front of the peel-off plate. Printed labels are conveyed by a vacuum belt to the point of transfer to a package. Applying a label is triggered by an external signal.



Vacuum belt applicator		5414-3	5416-3
Label applications		on cylindric surfaces and corner-wrap	
Directions to which dispense labels		left and right	
Label widths operating a HERMES Q4/Q4.3	mm	20 - 114	-
HERMES Q6.3	mm	-	46 - 174
Label heights	mm	80 - 356	80 - 356
State of a package at the moment a label is applied in motion		■	
Label applications	from the top	■	
	from the side	■	
Package heights	uniform	■	
	variable	■	
Package speeds	up to m/s	0.3	
Gap between packages	at least m	0.5	
Steadiness identified at the point a label is transferred		F ¹⁾ = 30 N	
Corner-wrap label applications	up to mm	X = 160	
Vacuum belt speed ²⁾	mm/s	100 - 300	
Cycle rate ³⁾	labels/min up to	15	
Distance of a label to the conveyor belt, when applying from the side	mm	Y = 20	

¹⁾ F = force required to make the vacuum belt pivot

²⁾ The speed of a package must be at least as high as the speed of the vacuum belt.

³⁾ calculated using labels 100 mm high and a print speed of 250 mm/s