

Identification & masking

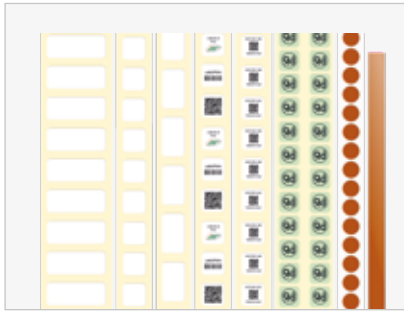
Labels · Printing · Auto-apply · Masking products

IDENTIFICATION LABELS



SMT LABELS FOR THERMO TRANSFER PRINTING, HIGHLY HEAT RESISTANT

PAGES 6-8



AdoptSMT and CCL are able to find a solution for almost any labeling need. Please inform us of your requirements which can include:

- High durability against
 - High temperature
 - Aggressive cleaning solvents
 - Aggressive environments including oil, salt,...
- Auto Apply or manual application
- Removable without residues

LASER MARKABLE SMT- LABELS, HIGHLY HEAT RESISTANT

PAGES 6-8



The LML takes the advantages of labels and laser marking and eliminates the limitations each of these separately have.

Nortec Group is now part of CCL Design

Nortec Group was purchased by CCLDesign. CCLDesign is part of the world's largest label manufacturer CCL Industries, which also include Avery and Zweckform. This gives

PRODUCT LABELS, MADE OF HIGHLY RESISTANT POLYESTER

PAGE 9



Highly resistant Polyester labels to compliment your product. Complete, proven packages for DIY printing.

our customers and AdoptSMT as the largest Nortec distributor the security of uninterrupted service and additional capabilities by related manufacturing processes in CCL Design factories around the world. Read more on [pages 4-5](#).



PRINTING

PRE-PRINTED LABELS

In cooperation with CCL AdoptSMT provides pre-printed labels according to your requirements in terms of layout, barcodes or serial numbers.

DIY PRINTING

AdoptSMT provides qualified consulting for complete solutions for printers, software, labels, and ribbons from one source for

small, medium and enterprise size label volumes.

PRINTERS PAGES 10-11

CAB printers for enterprise applications with high print capacity and quality. AdoptSMT Premium printer for small to medium volumes.

RIBBONS PAGE 11

High and durable print quality requires a perfect fit between label and ribbon.

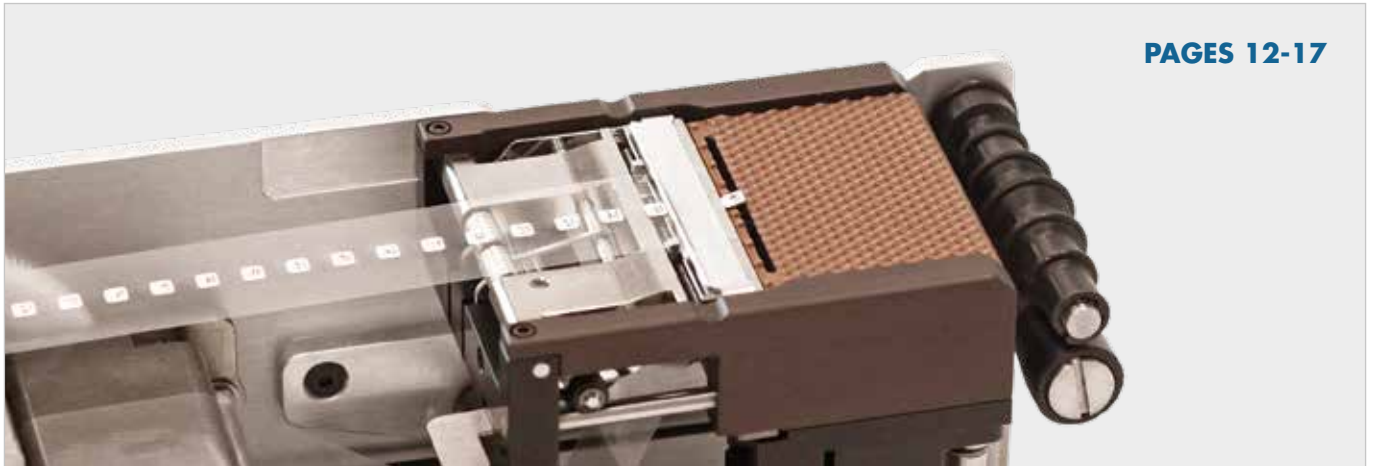
PRINTER SOFTWARE

AdoptSMT is NiceLabel

Partner

PAGES 10-11





**AXIUM MEDIA PRESENTER:
MORE THAN JUST A LABEL FEEDER.**
Reduce cost, improve quality and eliminate hand assembly. Pick and place labels, insulators, interconnect, shields, antennas and other adhesive backed media with the configurable AXIUM Media Presenter.

Most applications with media size 3x3 to 42x35mm can be handled with a single "Generic Media Platform" and can be picked with standard nozzles.

Compatible with:
Assembléon®, Fuji®, JUKI®,
MYDATA®, Panasonic®,
Samsung™, SIPLACE®,
Universal® and YAMAHA®.

MASKING PRODUCTS

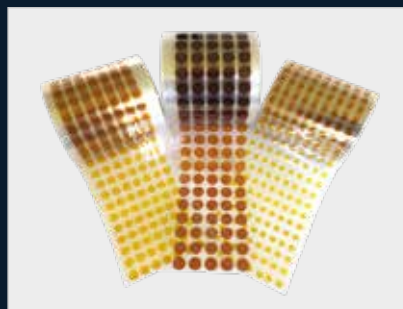
**POLYIMIDE MASKING LABELS IN
CUSTOM SHAPES AND MASKING
DOTS FOR AUTO-APPLY.**

PAGE 18



**POLYIMIDE MASKING DOTS
FOR MANUAL APPLY**

PAGE 19



POLYIMIDE MASKING TAPES

PAGE 19



OUR LABELS HAVE MOVED ON FROM SPECIALIST TO NUMBER 1 NORTEC GROUP IS NOW PART OF CCL DESIGN

CCL Design took over AdoptSMT's longtime label supplier in June 2018. Nortec will be integrated into the CCL Group as CCL Design Israel. For AdoptSMT, this is beneficial as the highly specialized niche provider of high-temperature labels is now becoming the world's number one supplier of technical labels. Also the expertise co-operation triangle of CCL, Hover-Davis and AdoptSMT will be even closer. More details are included in the background story below.

Erhard Hofmann, AdoptSMT Europe GmbH

CCL Industries is the world's largest label manufacturer. The name is not as familiar to many in Germany as Zweckform. Zweckform is a brand of Avery, one of the four divisions of CCL Industries. Avery manufactures and distributes laser-printable labels and related software. Checkpoint is a provider of RF and RFID solutions for retail and is another CCL division. CCL Industries is listed on the Canadian Stock Exchange and generates more than \$ 5 billion in annual sales.

CCL Design

The division of CCL Industries is CCL Design. CCL Design is the world leader in technical labels. Their focus is on labels for the automotive industry, electronics and general industrial applications. CCL Design Electronics is located in East Kilbride, Scotland. This location was the headquarters of the label maker Worldmark until it was acquired by CCL Design in late 2015, which also incorporated CCL Design into America and Asia. The acquisition talks with Nortec were conducted on the CCL Design site in Scotland, Nortec Group is integrated into the group as CCL Design Israel. Lex Kellett is Managing Director of CCL Design UK and CCL Design Israel. All the Nortec Group employees have been retained. Nortec Group founder and former CEO Doron Lavi has

a global responsibility within CCL Design for the growth of high-temperature labels.

Since its acquisition in June 2018, CCL Design Israel has already adapted many processes to those in other CCL design factories and invested in machinery, air conditioning, interior design and hall layout. Further investments will be completed during the year.

Quality

Nortec Group has been working for many years under ISO 9001 with certifications according to the various advancements of the standard to a high quality standard. With the help of colleagues from other CCL Design locations, the quality understanding of all employees has been and continues to be raised to the level that is a given for CCL Design as a supplier to many car manufacturers and Tier 1 automotive suppliers. CCL Design Stuttgart GmbH (formerly Wölco AG, taken over by CCL Design at the beginning of 2016) has proven that this can be done with the support of the Nuremberg plant. Before being acquired by CCL Design, CCL Design Nürnberg was active in non-automotive industries as the "Fritz Brunnhöfer GmbH Schilder- and Etikettenfabrik" and, like the other CCL Design sites, now also produces the

corresponding certifications for the German automotive industry. CCL Design Israel has also been certified according to IATF 16949.

Collaboration between CCL Design and AdoptSMT

CCL Industries gave three reasons to acquire Nortec: The expertise in the high temperature area, the location in Israel with a very active high-tech start-up scene and the Nortec's distribution partners, with which CCL Design can reach additional customer segments. For AdoptSMT as the largest Nortec distributor, the collaboration with CCL Design is mutually beneficial. If needed, you can easily access production facilities in other CCL Design locations. This includes production in the clean room, multi-color printing processes and „Die Cuts“ (stampings) with non-adhesive zones or even with functional parts, RFID solutions and more. AdoptSMT's main product groups continue to be high-temperature labels for automatic and manual application, identification and masking labels and tapes. These CCL Design products are offered by AdoptSMT together with hardware and software for application and printing. The branding is currently being switched from Nortec to CCL, the article numbers and material names remain the same the only change is the manufacturer's name.

The CEO of CCL Design UK and now also CCL Design Israel understands the needs of customers from their point of view. Prior to joining Worldmark in 2010, he spent six years at a multinational electronics service provider in local and global procurement management positions.

Lex Kellett lived in Austria for two years, which partly explains the good co-operation with AdoptSMT for the German-speaking region and the neighboring markets in the East. In Israel, CCL Design also continues to distribute materials and tools for electronics production, thus continuing to be Hover-Davis's distribution partner for label feeders and also feeders for SMD assembly.

Delivery security and product portfolio

In addition to the large geographic spread of CCL Design factories with overlapping production possibilities, the greater depth of added value at CCL Design also offers increased delivery security. CCL Design covers label materials in Scotland and China, including standard materials that Nortec has previously processed and supplied to AdoptSMT and other materials that are still included in the AdoptSMT standard program. Worldmark started using their own coating equipment to produce custom materials. Furthermore, millions of labels with multi-level security levels are produced for industrial customers in up to eight layers, which are partially invisible to the eye, and linked with software-based security algorithms. Counterfeits can be taken out of the market or excluded from maintenance contracts with the appropriate scanners.

Collaboration CCL Design - Hover-Davis - AdoptSMT

AdoptSMT has been distributing Nortec / CCL Design products since 2012, and both Nortec and AdoptSMT were already Hover-Davis' distribution partners, and successfully combined Hover-Davis label feeders and Nortec / CCL design labels in their respective markets Complete solution for marking and covering printed circuit boards.

In recent years, Hover-Davis Nortec / CCL Design has also taken over distribution products in America, offering its customers complete packages. Due to these close links in both directions, clarifications on the automatic delivery in borderline cases are particularly efficient. In discussions with the AdoptSMT suppliers CCL and Hover-Davis it is best to clarify which material may be suitable for particularly small or irregularly shaped parts, how the parts should be oriented and whether they can be fed with a standard feeder or with special adaptation. Samples can be sent directly, thus saving valuable time.

HIGHLY HEAT RESISTANT SMT LABELS MATERIAL PORTFOLIO



Material-Type	Material-Number	Wave Sol- dering	Cleaning before Reflow	Vapor- Phase Soldering	UL ¹⁾	Price- Index ²⁾
2 mil Polyimide with white topcoat Designed for thermo transfer printing Acrylic adhesive Temperatures up to 300°C (90 sec), up to 260°C (5 Min) Solvent and water based cleaning 3 Reflow processes	988: Standard-Material Suitable for most SMT processes Liner: paper. Glossy white. (polyester liner: material 987)	with ribbon 104	with ribbon 318		UL (103, 104, 122, 140, 318)	10
	596 and 597: Alternative Materials Recommended for more aggressive processes Liner: paper. Matte white. (polyester liner: material 470 and 471)	with ribbon 140	with ribbon 140		470/596: UL (103, 104, 140 and others)	11
	482: High Performance Material Extremely resistant against abrasion and very aggressive chemicals. Suitable for Vapor Phase Soldering. Minimum label size: 6x6 mm Liner: paper. Glossy white.	with ribbon 140	with ribbon 140	with ribbon 140	UL (103, 140 and others)	11
	670: suitable for Vapor Phase Soldering Liner: paper (polyester liner: material 680)	with ribbon 140	with ribbon 140	with ribbon 140	UL (103, 104, 140 and others)	12
	720: ESD safe Material also with higher temperature and chemical resistance compared to the standard material. ESD safe according to. EIA 625, EIA 541, Liner: paper	with ribbon 140	with ribbon 140			18
	Other materials, colors or labels for manual apply					on request
Polyimide 1 mil laser markable („LML“) Acrylic adhesive Temperatures up to 300°C (90 sec), up to 260°C (5 Min) Solvent and water based cleaning 3 Reflow processes	545: black topcoat, white laser engraving for YAG, Co2, UV or Fiber Diode marking systems Liner: paper	yes	yes		-	15
Other materials, colors or labels for manual apply					on request	
¹⁾ UL certified ribbon materials listed in parentheses. ²⁾ Relative price index of blank high temperature materials. Does not represent real label costs.						






LABEL SAMPLES

Please send us your **request** for a free sample roll in required material and format together with other pre-printed test materials. Sample bag contents: **Materials** (Ribbons) **988** (318, 104, 103), **596** (104, 140, 215), **597** (104, 140, 215), **482** (104, 140, 215).



HIGHLY HEAT RESISTANT SMT LABELS

STANDARD PRODUCT RANGE FOR AUTO-APPLY

EUR per roll with 10,000 labels for order quantity of 10 rolls Roll („reel“) with labels wound out on 3“ core, on 250 mm roll for external label unwinder. Materials in parentheses with polyester liner.								
Label shape (single-row, mm)		Material:	2 mil Polyimide with white topcoat for thermo transfer printing				1 mil LML	
			988 (987)	596 (470) 597 (471)	482	670 (680)	720	545
	5,00 x 5,00 on 11,43 mm liner	blank	CC- V3358iMaterial a10Z					
			on request					
		printed	CC- V3358iMaterial a10P					
			on request					-
	6,35 x 6,35 on 11,43 mm liner	blank	CC- V3011iMaterial a10Z					
			on request					
		printed	CC- V3011iMaterial a10P					
			on request					-
	7,00 x 7,00 on 11,43 mm liner	blank	CC- V3627iMaterial a10Z					
			on request					
		printed	CC- V3627iMaterial a10P					
			on request					-
	4,00 x 15,00 on 20 mm liner	blank	CC- V3043iMaterial a10Z					
			on request					
		printed	CC- V3043iMaterial a10P					
			on request					-
	6,35 x 19,05 on 22,23 mm liner	blank	CC- V3300iMaterial a10Z					
			on request					
		printed	CC- V3300iMaterial a10P					
			on request					-
Your shape		or other liner widths, other materials, colors or quantities.					on request	

HIGHLY HEAT RESISTANT SMT LABELS

STANDARD PRODUCT RANGE FOR MANUAL APPLY



<p align="center">EUR per roll with 10,000 labels for order quantity of 10 rolls Roll with labels wound out on 1" core, on small rolls for insertion in AD-863iTT thermal transfer printer. Paper liner.</p>			
Label shape (multi-row, mm)	<p align="center">Labels in multiple rows on liner for manual apply on small rolls for insertion in AD-863iTT thermal transfer printer</p>		
	Material: 988	Other materials	
<p>5,00 x 5,00 on 99 mm liner</p> <p>6,35 x 6,35 on 101 mm liner</p> <p>7,00 x 7,00 on 103 mm liner</p> <p>4,00 x 15,00 on 93 mm liner</p> <p>6,35 x 19,05 on 90 mm liner</p>	blank	<p>CC-V7505i988a10CT</p> <p>on request</p>	<p>on request</p>
		<p>CC-V7506i988a10CT</p> <p>on request</p>	
		<p>CC-V7507i988a10CT</p> <p>on request</p>	
		<p>CC-V7508i988a10CT</p> <p>on request</p>	
		<p>CC-V7361i988a10CT</p> <p>on request</p>	
		<p>on request</p>	
Your shape	or other liner widths, other materials, colors; quantities or pre-printed	on request	





DURABLE POLYESTER PRODUCT LABELS

MATERIAL PORTFOLIO

Please choose a high temperature Polyimide material suitable for your application. We'd be happy to send you free material samples for application testing.

Material-Type	Material Number	Ribbons	Price Index ¹⁾
Glossy white Polyester 2 mil suitable for common Gamma and ETO sterilization procedures	711	104, 140	10
Glossy white Polyester 2 mil Inventory and product labels	693		8
Silver matte Polyester 2 mil with glossy topcoat	707		15
Semi gloss silver Polyester 2 mil	519		11
Other materials or colors available on request.			
1) Relative price index of blank high temperature materials. Does not represent real label costs.			

STANDARD PRODUCT RANGE

Blank standard shapes for DIY printing with AdoptSMT AD-863iTT thermal transfer printer.
Many further shapes, liner widths, materials and pre-printing available on request.

Highly durable Polyester labels 2 mil for printing with thermal transfer printer					
Label shape (single-row, mm)	EUR per roll with 2000 labels for order quantity of 5 rolls , suitable for AdoptSMT AD-860iTT printer. Labels wound outside on 40 mm core, roll outside diameter suitable for inside roll insert of AD-860iTT printer.				
	Material:	711	693	707	519
25 x 50 on 56 mm liner	blank	CC-V7230i711a2U	CC-V7230i693a2U	CC-V7230i707a2U	CC-V7230i519a2U
		on request			
34 x 70 on 76 mm liner		CC-V5270i711a2U	CC-V5270i693a2U	CC-V5270i707a2U	CC-V5270i519a2U
		on request			
40 x 80 on 86 mm liner		CC-V5623i711a2U	CC-V5623i693a2U	CC-V5623i707a2U	CC-V5623i519a2U
		on request			
Your shape	or other liner widths, materials, colors, quantities or pre-printed.				on request

THERMAL TRANSFER PRINTERS



HIGH VOLUMES: CAB SQUIX PROFESSIONAL INDUSTRY LEVEL LABEL PRINTER

The professional industrial label printers SQUIX can be used in a wide variety of applications. Their development is foremost focused on simple and convenient operation coupled with high reliability.

Made in Germany



Description			Article No	Price €	
CAB Squix 4 M Thermal Transfer Label Printer, 600 dpi with centered material guide • For media with 9 - 114 mm , thickness 0,03 - 0,13 mm • Label roll diameter up to 205 mm • Core diameter 38.1 mm (1.5") - 100 mm • Ribbons: wax, wax/resin, resin, width 25 - 114 mm • Outside diameter up to 80mm, core 25.4 mm (1") • Software: CabLabel S3 Lite and CabLabel S3 Viewer			CA-5977011	on request	
Print roller DR4-M25 (25 mm)	CA-5.953.700.001	on request	Antistatic brush	CA-5.977.339.001	on request
Print roller DR4-M50 (50 mm)	CA-5.953.701.001	on request	External rewinder ER1/210L	CA-5978904	on request
Barcode Verifier for linear and 2D-Barcodes. Stops printing on barcode verification errors.	CA-5978911	on request	Nicelabel Software: Professional label design software, solutions for single user licenses up to companywide and global network licences. Please let us know your needs.		on request

MEDIUM VOLUMES: CAB MACH 4 S PRINTER FOR INDUSTRIAL APPLICATIONS

The professional industrial label printers SQUIX can be used in a wide variety of applications. Their development is foremost focused on simple and convenient operation coupled with high reliability. Optimized for small liner widths.



Description			Article No	Price €	
CAB MACH 4S/600B (type B with tear-off plate), 600 dpi with centered material guide • For media with 9 - 120 mm , thickness 0,03 - 0,13 mm • Label roll diameter up to 205 mm, • Core diameter 38.1 mm (1.5") - 76 mm. • Ribbons: wax, wax/resin, resin, width 25 - 114 mm • Outside diameter up to 72mm, core 25.4 mm (1"), • Software: CabLabel S3 Lite and CabLabel S3 Viewer			CA-5984633	on request	
External rewinder ER4/210	CA-5540750	on request	Nicelabel Software: Professional label design software, solutions for single user licenses up to companywide and global network licences. Please let us know your needs.		on request
Other accessories	on request				on request



LOW VOLUMES: ADOPTSMT PREMIUM AD-863iTT PRINTER

The simplest solution for the most demanding fine printing jobs. Space saving with excellent printing results. The world's most comprehensive compact 600 dpi desktop printer. The AD-863iTT is a perfect solution to deliver fine quality printing at a superb value.

3 years warranty

Description			Article No	Price €	
AdoptSMT thermal transfer label printer, 600 dpi • For media width 20 - 118 mm , thickness 0.06 – 0.20 mm • Label roll diameter outside up to 127 mm • Label roll insert inside, easy to refill • Label roll core diameter 25.4 (1") • 3.2" color LCD panel designed for ease of use • Ribbons: wax, wax/resin, resin, width 30 – 110 mm • Ø 40mm, core 12.7 mm (0.5"), including full Label Design Software license			AD-863iTT	on request	
Bluetooth Module	AD-1001BT860	on request	Guillotine Cutter	AD-0002CU860	on request
Wifi Module	AD-2001WF860		Stripper/Peeler Module	AD-0001PL860	request
External Label Unwind Stand 2"-4" black required for labels rolls 128-250 mm outside diameter	AD-0003UW860	on request	External Label Rewinder (recommended)	AD-0004RW860	on request

RIBBONS

RESIN BASED RIBBONS

High and durable print quality requires a perfect fit between label and ribbon. Smaller rolls for testing purposes available. Other materials, shapes, colors available on request. Materials:

- **104**: Ultra-durable Resin-based Thermo Transfer Ribbon, wiping and scratch resistant
- **140**: Ultra-durable Resin-based Thermo Transfer Ribbon, wiping and scratch resistant, resistant against detergents and disinfectants
- **318**: Ultra-durable Resin-based Thermo Transfer Ribbon, extreme resistance to chemicals, suitable for various Polyimide and Polyester labels

Color, on side	Printer	Core Ø	Length	Material	Width	Article No	Price €
black, outside	all CAB printers	1"	300 m	Resin 104	25 mm	CC-EE01BL104OPP	on request
					100 mm	CC-EE01UL104OPP	
				Resin 140	25 mm	CC-EE01BL140OPA	
					100 mm	CC-EE01UL140OPA	
				Resin 318	25 mm	CC-EE01BL318OPA	
					110 mm	CC-EE01UL318OPA	
	AD-860iTT printer	0.5"	100 m	Resin 104	40 mm	CC-EE01CF104OWP	
					110 mm	CC-EE01UF104OSP	
				Resin 140	60 mm	CC-EE01HF140OWA	
					110 mm	CC-EE01UF140OSA	
Other materials, colors, lengths, widths							on request

AUTO-APPLY LABELS

**HOVER-DAVIS AXIUM MEDIA PRESENTER:
MORE THAN JUST A LABEL FEEDER**



HOVER-DAVIS
The Feeder Company

Reduce cost, improve quality and eliminate hand assembly. Pick and place labels, insulators, interconnect, shields, antennas and other adhesive backed media with the configurable AXIUM Media Presenter. It automatically feeds and peels media from liner and presents for pick-up.

Compatible with Assembléon®, Fuji®, JUKI®, MYDATA®, Panasonic®, Samsung™, SIPLACE®, Universal®, YAMAHA®

ONE FOR (ALMOST) ALL

Most applications with media size 3x3 to 42x35mm can be handled with ONE Generic Media Platform and can be picked with standard nozzles. Customer configurations available for < 3mm applications. Platform for up to 58x50mm also available.

PLUG-AND-PLAY AT SEVERAL SPEEDS

Selectable speed modes for optimal performance. Plug-and-Play models for most platforms and automation cells.

ACCEPTS LEGACY

Label feeder LMG modules are accepted for investment protection.

SIMPLE

Easy to use user interface with push button controls. User serviceable modular design.

WARRANTY

Comprehensive 2-year warranty.

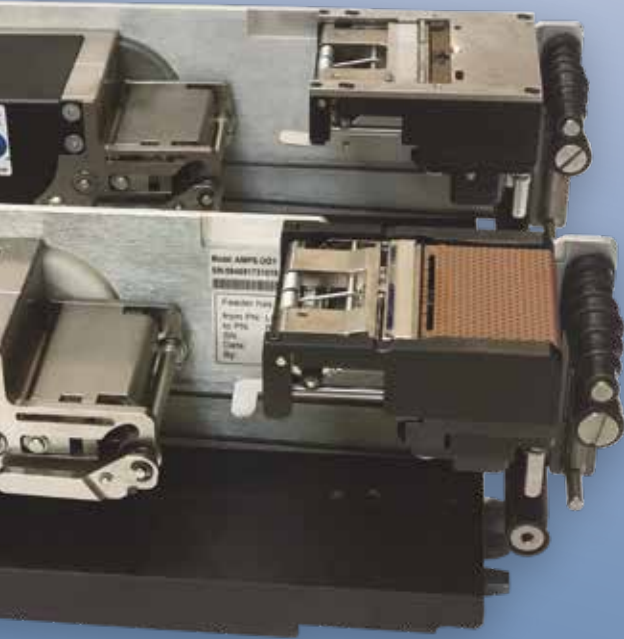
HOVER-DAVIS AXIUM FEEDER SPECIFICATIONS

Specification	Models for 3-42 mm liner width		Models for 14-58 mm liner width	
	Minimum	Maximum	Minimum	Maximum
Media size	3x3 mm* (WxL)	42x50 mm (WxL)	3x3 mm* (WxL)	58x50 mm (WxL)
Media thickness	0.1 mm	0.4 mm	0.1 mm	0.4 mm
Liner Width	3 mm	42 mm	14 mm	58 mm
Liner Thickness	0.05 mm	0.08 mm**	0.05 mm	0.08 mm**
Feed rate	30 mm/sec	95 mm/sec	30 mm/sec	95 mm/sec

* Custom configurations to support media <3mm quoted upon application review. ** Media sample review by Hover-Davis suggested for liner thickness > 0.08mm.

HOVER-DAVIS AXIUM 'RAMP'

TURN YOUR FIXED LABEL SIZE HOVER-DAVIS LP-FEEDER INTO A FLEXIBLE LABEL SIZE AXIUM MEDIA PRESENTER.



Back:

LP Feeder with fixed label size LMG label module

Front:

LP Feeder upgraded to a 'RAMP' AXIUM Media Presenter with flexible label size GMP module

SAME AS AXIUM 'AMP' – FOR LESS MONEY

All features of Hover-Davis AXIUM apply.

SEVERAL UPGRADE PATHS

- upgrade your own LP Feeder to AXIUM 'RAMP'
- get new 'RAMP' and return your LP Feeder for credit
- get 'RAMP' instead of AXIUM 'AMP' and save costs (subject to availability)

INVESTMENT PROTECTION

Label feeder LMG modules are compatible with the AXIUM Media Presenter.

EASY HANDLING

Easy to use user interface with push button controls. User serviceable modular design.

WARRANTY

Comprehensive 1-year warranty for all kinds of upgrade paths.

HOVER-DAVIS AXIUM MEDIA RECOMMENDATIONS

Property	Recommended		Not recommended	
Label size		Min 3x3mm, max 42x50 mm (wide: 58x50 mm), w x l		Less than 3x3 mm, more than 42x50 mm (wide: 58x50 mm)
Label shape		Rectangle, square, round		Irregular Shapes (with and without cutouts), but talk to us.
Die cut		No lift marks		Prominent lift marks
Label opacity		Opaque to semi-transparent		Transparent media
Pitch		Minimum 1 mm required		Less than 1 mm
Single column		Single column is ideal		Multi-column
Label orientation		crosswise		lengthwise
Cover tape		None		Additional insulating tape not removable by presenter
Reel size		3 inches ID required		Other than 3 inches
Reel winding direction		Overhand, media facing up (out)		Underhand, media facing down (in)




AXIUM MEDIA PRESENTER for 3-42 mm liner width			EUR /Pc	Compatible Modules
Pick and place machine compatible with	Art No.	Original New		
ASSEMBLEON				
ACM, AQ, AX, D9, FCM-II, GEM, GEMX, GEMX-II, GEMXi, GEMXi-II, MG-1, MG-8 (all w. ITF Int.), IFLEX ⁽⁹⁾	AXIUM Media Presenter Assembleon – ITF Interface	HO-AMPA01-001	on request	GMP02, LMG02
	Upgrade LPA01-001 to AXIUM AMPA01-001 Media Presenter	HO-RAMPA01-001REP		
	AXIUM AMPA01-001 Media Presenter (rebuilt LP-Feeder)	HO-RAMPA01-001		
ACM, AQ, D9, FCM-II, GEM, GEMX, GEMX-II, GEMXi, GEMXi-II, MG-1, MG-8 (all with CL o. Cli Int.)	AXIUM Media Presenter Assembleon-GEM Series, incl. 0778A-0005 power supply.	HO-AMPG01-001	on request	GMP02, LMG02
	Upgrade LPG01-001 to AXIUM AMPG01-001 Media Presenter	HO-RAMPG01-001REP		
	AXIUM AMPG01-001 Media Presenter (rebuilt LP-Feeder)	HO-RAMPG01-001		
MC	see AMPYS01-001 for Yamaha			
FUJI				
QP2, QP3, XP, XP242, XP, 243 IP-1, -2, -3 with fixed Y-Axis Pick Point GETECH ALPS Automatic Labeling Machine	AXIUM Media Presenter Fuji IP/QP/XP	HO-AMPF01-001	on request	GMP02, LMG02 GMP02, LMG02 GMP01, GMP02, LMG02
	Upgrade LPF01-001 to AXIUM AMPF01-001 Media Presenter	HO-RAMPF01-001REP		
	AXIUM AMPF01-001 Media Presenter (rebuilt LP-Feeder)	HO-RAMPF01-001		
Custom machines – MPFP02-0X Interface or ATS Extension Cable	AXIUM Media Presenter Fuji with Ready Signal (application review required)	HO-AMPF01-002	on request	GMP01, GMP02, LMG02
NXT, I, II, III, AIM, AIMEX, XPF	AXIUM Media Presenter Fuji NXT	HO-AMPFN02-001		
	Upgrade LPFN02-001 to AXIUM AMPFN02-001 Media Presenter	HO-RAMPFN02-001REP		
	AXIUM AMPFN02-001 Media Presenter (rebuilt LP-Feeder)	HO-RAMPFN02-001		
	Optional credit for return of used but complete and fully functional LPFN02-001			
	AXIUM Media Presenter Fuji NXT with Reel Holder	HO-AMPFN02-002		
Upgrade LPFN02-002 to AXIUM AMPFN02-002 Media Presenter	HO-RAMPFN02-002REP			
AXIUM AMPFN02-002 Media Presenter (rebuilt LP-Feeder)	HO-RAMPFN02-002			
Optional credit for return of used but complete and fully functional LPFN02-002				
JUKI				
CX, FX Series, JX100, KE700 / 1000 / 2000 / 3000 with mechanical Banks ⁽⁴⁾	AXIUM Media Presenter Juki-Mechanical ⁽⁴⁾	HO-AMPJ01-001	on request	GMP02, GMP01 ⁽⁷⁾ , LMG02
	Upgrade LPJ01-001 to AXIUM AMPJ01-001 Media Presenter	HO-RAMPJ01-001REP		
	AXIUM AMPJ01-001 Media Presenter (rebuilt LP-Feeder)	HO-RAMPJ01-001		
FX Series, RX6, RX7, KE3000 with electrical banks ⁽⁴⁾ , RS1 ⁽¹⁶⁾	AXIUM Media Presenter JukiFX/ Electrical ⁽⁴⁾	HO-AMPJF01-001		
MYDATA				
MyData MY, TP, DX Series, 200, 300 ⁽⁶⁾	AXIUM Media Presenter SIPLACE or MYDATA with Take-Up Wheel for Mylar Liner Scrap Tape Collection ⁽²⁾	HO-AMPS02-001	on request	GMP02, GMP01 ⁽¹⁵⁾ , LMG02
	Upgrade LPS02-001 to AXIUM AMPS02-001 Media Presenter	HO-RAMPS02-001REP		
	AXIUM AMPS02-001 Media Presenter (rebuilt LP-Feeder)	HO-RAMPS02-001		
	Optional credit for return of used but complete and fully functional LPS02-001			
PANASONIC				
MPAV2, MPAG3, MSF, MCF, BM, IPAC	AXIUM Media Presenter Panasonic – Panasert	HO-AMPP02-001	on request	GMP02, LMG02
	Upgrade LPP02-001 to AXIUM AMPP02-001 Media Presenter	HO-RAMPP02-001REP		
	AXIUM AMPP02-001 Media Presenter (rebuilt LP-Feeder)	HO-RAMPP02-001		
CM Series, NPM (requires Host Feeder) ⁽⁵⁾ , DT401, AM	AXIUM Media Presenter Panasonic CM/ NPM Ready ⁽⁵⁾	HO-AMPPC02-001	on request	GMP02 ⁽⁵⁾ , GMP01 ⁽⁵⁾ , LMG02
	Upgrade LPCC01-001 to AXIUM AMPPC01-001 Media Presenter	HO-RAMPPC02-001REP		
	AXIUM AAMPPC02-001 Media Presenter (rebuilt LP-Feeder)	HO-RAMPPC02-001		
	Optional credit for return of used but complete and fully functional LPCC01-001			
	AXIUM Media Presenter Panasonic CM/NPM6 – with integrated reel holder ⁽⁵⁾	HO-AMPPC02-002		
SAMSUNG				
CP20, CP40, CP50, CP55, CP63, CP45, CP45 NEO	AXIUM Media Presenter Samsung	HO-AMPSG01-001	on request	GMP01 ⁽⁷⁾ , GMP02, LMG02
	Upgrade LPSG01-001 to AXIUM AMPSG01-001 Media Presenter	HO-RAMPSG01-001REP		
	AXIUM AMPSG01-001 Media Presenter (rebuilt LP-Feeder)	HO-RAMPSG01-001		




AXIUM MEDIA PRESENTER for 3-42 mm liner width					
Pick and place machine compatible with	Art No.	EUR /Pc	Compatible Modules		
SIPLACE					
SIPLACE C/F/S/HF/HS/D, X-Series with Adapter ⁽³⁾ , E-Series with Adapter ⁽⁸⁾ , ⁽¹⁰⁾	AXIUM Media Presenter SIPLACE ⁽¹⁾	HO-AMPS01-001	on request	GMP02 GMP01 ⁽⁷⁾⁽¹⁵⁾ LMG02	
	Upgrade LPS01-001 to AXIUM AMPS01-001 Media Presenter	HO-RAMPS01-001REP			
	AXIUM AMPS01-001 Media Presenter (rebuilt LP-Feeder)	HO-RAMPS01-001			
	Optional credit for return of used but complete and fully functional LPS01-001				
	AXIUM Media Presenter SIPLACE or MYDATA with Take-Up Wheel for Mylar Liner Scrap Tape Coll. ⁽²⁾	HO-AMPS02-001 (Standard)			
	Upgrade LPS02-001 to AXIUM AMPS02-001 Media Presenter	HO-RAMPS02-001REP			
SIPLACE C/F/S/HF/HS/D	AXIUM Media Presenter SIPLACE with Reel Holder ⁽¹⁾	HO-AMPS01-002	on request	GMP02 GMP01 ⁽⁷⁾⁽¹⁵⁾ LMG02	
	Upgrade LPS01-002 to AXIUM AMPS01-002 Media Presenter	HO-RAMPS01-002REP			
	AXIUM AMPS01-002 Media Presenter (rebuilt LP-Feeder)	HO-RAMPS01-002			
	Optional credit for return of used but complete and fully functional LPS01-002				
	AXIUM Media Presenter SIPLACE with Reel Holder and Take-Up Wheel for Mylar Liner Scrap Tape Collection ⁽²⁾	HO-AMPS02-002			
	Upgrade LPS02-002 to AXIUM AMPS02-002 Media Presenter	HO-RAMPS02-002REP			
AXIUM AMPS02-002 Media Presenter (rebuilt LP-Feeder)	HO-RAMPS02-002				
	Optional credit for return of used but complete and fully functional LPS02-002				
	UNIVERSAL ⁽¹⁰⁾				
	GSM Series, Genesis ⁽¹²⁾ , Advantis ⁽¹²⁾ , Polaris ^{(12),(11)}	AXIUM Media Presenter Universal – 24V	HO-AMPU01-001	on request	GMP02, GMP01, LMG02
		Upgrade LPU01-001 to AXIUM AMPU01-001 Media Presenter	HO-RAMPU01-001REP		
		AXIUM AMPU01-001 Media Presenter (rebuilt LP-Feeder)	HO-RAMPU01-001		
Fuzion, Genesis, Advantis with 42V power ⁽¹¹⁾⁽¹²⁾	Upgrade LPU02-001 to AXIUM AMPU02-001 Media Presenter	HO-RAMPU02-001REP			
	AXIUM AMPU02-001 Media Presenter (rebuilt LP-Feeder)	HO-RAMPU02-001			
	AXIUM Media Presenter Universal – 42 V (Lightning Head comp.)	HO-AMPU03-001			
YAMAHA/iPULSE					
YV100, XG100, YG100	AXIUM Media Presenter Yamaha	HO-AMPY01-001	on request	GMP02, GMP01 ⁽⁷⁾ , LMG02	
	Upgrade LPY01-001 to AXIUM AMPY01-001 Media Presenter	HO-RAMPY01-001REP			
	AXIUM AMPY01-001 Media Presenter (rebuilt LP-Feeder)	HO-RAMPY01-001			
YS12, YS12f, YS24X, YS88, YS100, YSM-20, YSM-40, M10 ⁽¹⁴⁾ , M20 ⁽¹⁴⁾	AXIUM Media Presenter Yamaha YS Series ⁽¹³⁾	HO-AMPYS01-001			

Generic Media Platform (Module) – Standard width for 3 – 42 mm liner width			
GMP35 Generic Media Plattform adjustable module for AXIUM Presenter, supports 3 - 35mm label length (Standard)	HO-GMP02	on request	
GMP50 Generic Media Plattform, adjustable module for AXIUM Presenter, supports 3 - 50mm label length (special applications)	HO-GMP01		
Custom Label Module – Special Applications, Custom Module - Requires Application Review, 4mm Minimum Label Length	HO-LMG02		

(1) Advances liner scrap tape from the feeder into tape cutter, used with paper liner applications for clean scrap cuts. **(2)** Includes a liner scrap tape collection take-up wheel for Mylar liner applications where cutter may not cleanly cut liner material, or no cutter. **(3)** SIPLACE X-Series machines require Adapter for X-Series Feeder Modules #00141305 and Label Feeder Adapter Plate #00141310. **(4)** Juki mechanical bank machines require HD Power Supply LPJ01-001-PS. Juki electrical bank machines require special software from Juki. **(5)** Requires Host Feeder #N610002768AA and Label Feeder software plug-in, both from Panasonic. **(6)** MyData machines require Generic Feeder Interface L-014-1483 & Adapter Plate L-009-0594 supplied by MyData, and HD Power Supply SSF01-PS. **(7)** Application Dependent - consult AdoptSMT for GMP01/GMP11 module compatibility. **(8)** E-Series machines require feeder adapter #00288901 and label feeder adapter plate #00141310. **(9)** Requires special software from Assembleon. **(10)** With SX, „Collect & Place“ with CPP head in low position not possible. **(11)** Requires information if 24VAC (6 pogo pads) or 42VDC (7 pogo pads) is used. **(12)** Requires special software from UIC and AMPU03 for Lightning Heads which have a 30mm maximum label size. **(13)** Includes Cable Adapter 0778A-0102 for 3 Pin Power connections. **(14)** Requires special software from Yamaha. **(15)** AMPS with GMP01 Module on SIPLACE F machine requires head on the outside of the beam. **(16)** Requires 2 pcs. RF-A5 JUKI Adapter






AXIUM MEDIA PRESENTER for 14-58 mm liner width („wide module“)				
Pick and place machine compatible with	Art No.	Original New	EUR /Pc	Compatible Modules
ASSEMBLEON				
ACM,AQ,AX,D9,FCM-II, GEM,GEMX,GEMX-II, GEMXi, GEMXi-II, MG-1, MG-8 (all w. ITF Int.), IFLEX ⁽⁹⁾	AXIUM Media Presenter Assembleon – ITF Interface	HO-AMPA11-001	on request	GMP12, LMG12
ACM, AQ, D9, FCM-II, GEM, GEMX, GEMX-II, GEMXi, GEMXi-II, MG-1, MG-8 (all with CL o. CLi Interface)	AXIUM Media Presenter Assembleon GEM Series	HO-AMPG11-001		
MC	see AMPYS11-001 for Yamaha			
FUJI				
QP2,QP3,XP	AXIUM Media Presenter Fuji IP/QP/XP	HO-AMPF11-001	on request	GMP12, LMG12
GETECH ALPS Automatic Labeling Machine				GMP12, LMG12
IP-1, -2, -3 with fixed Y-Axis Pick Point Requires LMG12				GMP12, LMG12
Custom machines – MPFP02-OX Interface or ATS Extension Cable, application review required	AXIUM Media Presenter Fuji with Ready Signal	HO-AMPF11-002	on request	GMP11, GMP12, LMG12
NXT, I, II, III, AIM, AIMEX, XPF	AXIUM Media Presenter Fuji NXT	HO-AMPFN12-001	on request	GMP11 ⁽⁷⁾ , GMP12, LMG12
	AXIUM Media Presenter Fuji NXT with Reel Holder	HO-AMPFN12-002		
JUKI				
CX, FX Series, JX100, KE700 / 1000 / 2000 / 3000 with mechanical Banks ⁽⁴⁾	AXIUM Media Presenter JUKI Mechanical ⁽⁴⁾	HO-AMPJ11-001	on request	GMP11 ⁽⁷⁾ , GMP12, LMG12
FX Series, RX6, RX7, KE3000 with electrical banks ⁽⁴⁾ , RS1 ⁽¹⁶⁾	AXIUM Media Presenter Juki-FX/Electrical ⁽⁴⁾	HO-AMPJF11-001		
MYDATA				
MyData MY, TP, DX Series, 200, 300 ⁽⁶⁾	AXIUM Media Presenter SIPLACE or MYDATA with Take-Up Wheel for Mylar Liner Scrap Tape Collection ⁽²⁾	HO-AMPS12-001	on request	GMP11 ⁽¹⁵⁾ , GMP12, LMG12
PANASONIC				
MPAV2, MPAG3, MSF, MCF, BM, IPAC	AXIUM Media Presenter Panasonic - Panasert	HO-AMPP12-001	on request	GMP12, LMG12
CM Series, NPM (requires Host Feeder and PS) ⁽⁵⁾ , DT401, AM	AXIUM Media Presenter Panasonic CM/NPM Ready ⁽⁵⁾	HO-AMPPC12-001		GMP11 ⁽⁵⁾ , GMP12 ⁽⁵⁾ , LMG12
CM Series, NPM (requires Host Feeder) ⁽⁵⁾ , DT401, AM	AXIUM Media Presenter Panasonic CM/NPM ⁽⁶⁾ – with integrated Reel Holder ⁽⁵⁾	HO-AMPPC12-002		

AXIUM MEDIA PRESENTER for 14-58 mm liner width („wide module“)				
Pick and place machine compatible with	Art No.	Original New	EUR /Pc	Compatible Modules
SAMSUNG				
CP20, CP40, CP50, CP55, CP63, CP45, CP45 NEO	AXIUM Media Presenter Samsung	HO-AMPSG11-001	on request	GMP11 ⁽⁷⁾ , GMP12, LMG12
SIPLACE				
SIPLACE C/F/S/HF/HS/D, X-Series with Adapter ⁽³⁾ , E-Series with Adapter ⁽⁸⁾ , ⁽¹⁰⁾	AXIUM Media Presenter SIPLACE ⁽¹⁾	HO-AMPS11-001	on request	GMP12, GMP11 ⁽⁷⁾⁽¹⁵⁾ , LMG12
	AXIUM Media Presenter SIPLACE or MYDATA with Take-Up Wheel for Mylar Liner Scrap Tape Coll. ⁽²⁾	HO-AMPS12-001 (Standard)		
SIPLACE C/F/S/HF/HS/D	AXIUM Media Presenter SIPLACE with Reel Holder ⁽¹⁾	HO-AMPS11-002		GMP12, GMP11 ⁽⁷⁾⁽¹⁵⁾ , LMG12
	AXIUM Media Presenter SIPLACE with Reel Holder and Take-Up Wheel for Mylar Liner Scrap Tape Collection ⁽²⁾	HO-AMPS12-002		
UNIVERSAL ⁽¹⁰⁾				
GSM Series, Genesis ⁽¹²⁾ , Advantis ⁽¹²⁾ with 24V power, Polaris ⁽¹²⁾ , ⁽¹¹⁾	AXIUM Media Presenter Universal - 24V	HO-AMPU11-001	on request	GMP11, GMP12, LMG12
Fusion, Genesis, Advantis with 42V power ⁽¹¹⁾⁽¹²⁾	AXIUM Media Presenter Universal - 42 V (not Lightning Head compatible)	HO-AMPU12-001		
YAMAHA/iPULSE				
YV100, XG100, YG100	AXIUM Media Presenter Yamaha	HO-AMPY11-001	on request	GMP11 ⁽⁷⁾ , GMP12, LMG12
YS12, YS12f, YS24X, YS88, YS100, YSM-20, YSM-40, M10 ⁽¹⁴⁾ , M20 ⁽¹⁴⁾	AXIUM Media Presenter Yamaha YS Series ⁽¹³⁾	HO-AMPYS11-001		

Generic Media Platform (Module) – for 14 - 58 mm liner width				
GMP35 Generic Media Plattform adjustable module for AXIUM Presenter, supports 3 - 35mm label length (Standard)	HO-GMP12-001	on request		
GMP50 Generic Media Plattform, adjustable module for AXIUM Presenter, supports 3 - 50mm label length (special applications)	HO-GMP11-001			
Custom Label Module – Special Applications, Custom Module - Requires Application Review, 4 mm minimum label length	HO-LMG12-XXXX			

(1) Advances liner scrap tape from the feeder into tape cutter, used with paper liner applications for clean scrap cuts. **(2)** Includes a liner scrap tape collection take-up wheel for Mylar liner applications where cutter may not cleanly cut liner material, or no cutter. **(3)** SIPLACE X-Series machines require Adapter for X-Series Feeder Modules #00141305 and Label Feeder Adapter Plate #00141310. **(4)** Juki mechanical bank machines require HD Power Supply LPJ01-001-PS. Juki electrical bank machines require special software from Juki. **(5)** Requires Host Feeder #N610002768AA and Label Feeder software plug-in, both from Panasonic. **(6)** MyData machines require Generic Feeder Interface L-014-1483 & Adapter Plate L-009-0594 supplied by MyData, and HD Power Supply SSF01-PS. **(7)** Application Dependent - consult AdoptSMT for GMP01/GMP11 module compatibility. **(8)** E-Series machines require feeder adapter #00288901 and label feeder adapter plate #00141310. **(9)** Requires special software from Assembleon. **(10)** With SX „Collect & Place“ with CPP head in low position not possible. **(11)** Requires information if 24VAC (6 pogo pads) or 42VDC (7 pogo pads) is used. **(12)** Requires special software from UIC and AMPU03 for Lightning Heads which have a 30mm maximum label size. **(13)** Includes Cable Adapter 0778A-0102 for 3 Pin Power connections. **(14)** Requires special software from Yamaha. **(15)** AMPS with GMP01 Module on SIPLACE F machine requires head on the outside of the beam. **(16)** requires 2 pcs. RF-A5 JUKI Adapter.

Beside standard masking dots almost any custom shape is available on request. CCL's polyimide masking products are high temperature resistant up to 300°C. For auto-apply a thickness of 5 mil is recommended. 2 mil thickness available on request.

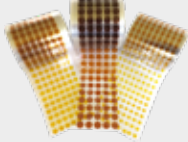

CCL POLYIMIDE MASKING LABELS IN 5 MIL THICKNESS FOR AUTO-APPLY						
Shape	Description	Ø	Liner width	Pcs/Roll	Article number	EUR/Roll
	circular dots	4 mm	12.70 mm	10000	CC-V3992i949a10Z	on request
		5 mm	11.43 mm	10000	CC-V3462i949a10Z	
		6 mm	11.43 mm	10000	CC-V3702i949a10Z	
		7 mm	11.43 mm	10000	CC-V3463i949a10Z	
		8 mm	12.00 mm	10000	CC-V3533i949a10Z	
		9 mm	11.50 mm	10000	CC-V3400i949a10Z	
		10 mm	12.50 mm	10000	CC-V3524i949a10Z	
		12 mm	15.00 mm	5000	CC-V3995i949a5Z	
		13 mm	16.00 mm	5000	CC-V3491i949a5Z	
		16 mm	18.00 mm	5000	CC-V3527i949a5Z	
	other					on request
	custom shapes	3x4 mm	11.00 mm	10000	CC-V3538i949a10Z	on request
		3.8x2.3 mm	11.43 mm	10000	CC-V3007i949a10Z	
	Custom shapes with areas without adhesive for easier removal.	2.794 x 7.62 mm	19.05 mm	5000	CC-V3029i949a5Z	on request
		9 x 15.1 mm	27.00 mm	10000	CC-V3700i949a10Z	
Your shape						on request



Custom shape masking label 3,8 x 2,3 mm in Hover-Davis AXIUM Media Presenter.



MASKING DOTS FOR MANUAL APPLY, MASKING TAPES

CCL's polyimide masking products are high temperature resistant up to 300°C. The adhesive is Silicon based, pressure sensitive and removable without leaving any residues.

CCL POLYIMIDE MASKING DOTS FOR MANUAL APPLY						
Other widths, thicknesses or ESD safe materials on request. 1 mil dots with slit liner for easier removal.						
Shape	Ø	Dots per Row	Pcs per Roll	Article number	EUR/roll	
					1 mil (950)	2 mil (951)
	4.00 mm	10	2000	CC-V8514iMateriala2Z	-	on request
	5.00 mm	12	2000	CC-V6521iMateriala2Z	on request	
	6.35 mm	9	2000	CC-V7437iMateriala2Z	-	
	7.00 mm	9	2000	CC-V6522iMateriala2Z	on request	
	8.00 mm	7	2000	CC-V5886iMateriala2Z	-	
	9.00 mm	7	2000	CC-V8127iMateriala2Z	-	
	10.00 mm	7	2000	CC-V6524iMateriala2Z	on request	
	12.00 mm	6	2000	CC-V6525iMateriala2Z	on request	
	12.70 mm	5	2000	CC-V7391iMateriala2Z	-	
	16.00 mm	5	2000	CC-V6527iMateriala2Z	on request	
	19.00 mm	4	2000	CC-V6528iMateriala2Z	on request	
Masking dots in other sizes or larger quantities:					on request	


CCL POLYIMIDE MASKING TAPES 1 MIL THICKNESS					
Material 950 Standard, Material 948 ESD safe					
Shape	Width	Length per Roll	Article number	EUR/roll	
				Standard (950)	ESD safe (948)
	6 mm	33 m	CC-T0006iMateriala33Z	on request	on request
	8 mm		CC-T0008iMateriala33Z		
	9 mm		CC-T0009iMateriala33Z		
	10 mm		CC-T0010iMateriala33Z	-	
	12 mm		CC-T0012iMateriala33Z		
	14 mm		CC-T0014iMateriala33Z	on request	
	15 mm		CC-T0015iMateriala33Z		
	19 mm		CC-T0019iMateriala33Z		
	25 mm		CC-T0025iMateriala33Z		
	38 mm		CC-T0038iMateriala33Z		
	Masking tapes in other widths or larger quantities:				

LOCATIONS

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