



Agilent G5404A, G5404B Microplate Labeler Consumables

Selection Guide



Authentic Agilent automation-certified labels with application-matched ribbon guarantee the highest level of system performance and superior instrument and applications support

Instrument discontinued, consumables will remain available under new part number G5404-00029



●= YES (dot)

G5404A Microplate Labeler (formerly "VCode")

G5404B Microplate Labeler

MEDIA KIT PRODUCT NUMBER

Media Kit Contents:

- 1-Label roll adhesive labels
- 1-Ribbon roll to image one label roll
- 1-Used ribbon take-up spool for take-up hub
- 1-Print head cleaning pen (multi-use)
- 1-Media loading document (G5404B labeler only)

G5404-60029 5,000 Labels
(formerly G5450A Option 001: 09479-001, 09479.001)

Discontinued:
10,000 and 15,000 roll labels will no longer be available once existing supplies are exhausted:
G5450A Option 002 10,000 Labels
(formerly 09479-002, 09479.002)
G5450A Option 003 15,000 Labels
(formerly 09479-003, 09479.003)

G5404-60005 6,500 Labels
G5404-60013 13,000 Labels

New Microplate Labeler instruments include one 6,500 label Media Kit. Additional consumables may be purchased at time of instrument purchase using these special part numbers:
G5404B Microplate Labeler Instrument (Standalone)
G5404B with Option 264 6,500 Labels
G5404B with Option 267 13,000 Labels

DESCRIPTION

G5404A Labeler Media Kit 0.25" 5K Ribbon & labels for 5,000 labels.
DMSO resistant, -80°C to +100°C.
6.35 mm H x 50.8 mm W. 0.25" High x 2" Wide.
Compatible w/06497-001, 0.25" Vac Pads

G5404B Labeler Media Kit 0.25" 6.5K (or 13K) Ribbon & labels for 6,500 (or 13,000) labels.
DMSO resistant, -80°C to +100°C.
6.35 mm H x 50.8 mm W. 0.25" High x 2" Wide.
Compatible w/06497-001, 0.25" Vac Pads



Agilent Technologies

●= YES (dot)

G5404A Microplate Labeler

G5404B Microplate Labeler

ROLL LENGTH (Label Quantity)

5,000	●	
6,500		●
10,000		
13,000		●
15,000		

ADHESION (The type of adhesive used to adhere label) * Permanent Adhesion: Adhesive strength increases over time. Label may be peeled-off but should not be reapplied. Label is designed to not fall off or come off, without some mechanical effort.

Removable		
Permanent	●*	●*

APPLICATIONS (Typical)

Compound Storage	●	●
DNA Sequencing	●	●
PCR Thermal Cycling (Dry)	●	●
PCR Water Bath Cycling	Limited – Must be Tested/Qualified	Limited – Must be Tested/Qualified
Screening	●	●
SPA Radioactive/Top Count Assays	●	●

CHEMICAL COMPATIBILITY GUIDELINES Dots in the fields below indicate that the image on the label has some level of chemical resistance (image remains legible on the label stock, by resisting damage by chemical reactivity or solvent action over short periods of time). For example, in the case of DMSO below, the image is considered resistant to DMSO rather than compatible or impervious to DMSO (the image may become illegible if concentrated DMSO is left on the image for extended periods or if DMSO is placed on a wipe, then rubbed over the image).

Water	●	●
DMSO	●	●
IPA	●	●

DIMENSIONS

Label, Individual	6.35 mm x 50.8 mm (0.25" High x 2.0" Wide)	6.35 mm x 50.8 mm (0.25" High x 2.0" Wide)
Label Thickness, Individual	0.06604 mm (0.0026") nominal	0.10668 mm (0.0042") nominal
Core Diameter (Label Core)	76.2 mm (3") ID	76.2 mm (3") ID

MICROPLATE COMPATIBILITY (Substrate compatibility – compatible with most plasticized surfaces)

Substrate (Most plasticized surfaces)	●	●
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OPTICAL PROPERTIES (Label Stock)

Opaque	●	●
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PHYSICAL PROPERTIES

Label Adhesion, Permanent (see section on adhesion)	●	●
Label Appearance White Glossy	●	
Label Appearance White Matte		●
Label, Polypropylene	●	●
Label Stock Liner (Backing)	Coated paper	Clear Synthetic
Cores (Labels and Ribbon)	Fiber	Plastic

●= YES (dot)

G5404A Microplate Labeler

G5404B Microplate Labeler

THERMAL PROPERTIES (Refers to the service or operating temperature range in which the label remains adhered to the substrate. This is highly application dependent and must be verified for each application.) ** Service Temperature Range data supplied by customers involved in applications such as compound storage and PCR.

Service Temperature Range	-80°C to +100°C (-112°F to +212°F) **	-80°C to +100°C (-112°F to +212°F) **
Minimum Application Temp	2°C (+35°F)	2°C (+35°F)

STORAGE INFORMATION (Refers to label/ribbon stock)

Conditions	Store out of direct sunlight, 16°C to 27°C (60°F to 80°F)	Store out of direct sunlight, 16°C to 27°C (60°F to 80°F)
Shelf Life (Best if Used by Date)	1 year	1 year

Notes:

- 1. Test Microplates.** This data was generated using the following microplates or equivalent: Polypropylene Microplate: Greiner, 650201 (96-well, round well, round bottom); Polystyrene Microplate: Greiner, 655101 (96-well, round well, flat bottom).
- 2. Customer Testing.** Material suitability, label adhesion, image integrity, maximum storage times or conditions, etc. are a function of the specific application and must be determined by the user of this product. It is recommended that all microplate labeling processes take place prior to the "Best if Used By" date, if indicated on the material labeling. Adhesion and image integrity should remain intact past this date—but the actual ideal material storage time is application and storage condition dependent. End-user, application-based requalification (testing) is required past "Best if Used By" date.
- 3. 3rd Party Media: Labels and Ribbons.** The performance of the Agilent Microplate Labeler has been optimized using Agilent consumables. If you choose to try third-party consumables and experience poor performance / instrument problems and contact Agilent for support, it is your responsibility to immediately notify the Agilent support representative that you are using third-party labels and/or ribbon. Use of third-party consumables may be outside the scope of the terms of the Microplate Labeler instrument warranty and may result in the user paying for any necessary repairs and applications support, resulting from the use of these materials. If you are considering the use of third-party consumables because the Agilent consumables do not meet your requirements, please give Agilent the opportunity to try to help.
- 4. Reference.** This information is for reference only.
- 5. Label Size.** The Microplate Labeler design has been optimized for the use of standard size labels (6.35 mm x 50.8 mm / 0.25" High x 2.0" Wide) on labware which meets the Standards ANSI/SBS 1-2004 through ANSI/SBS 4-2004. For non-standard labels, contact the Agilent Automation Solutions Technical Support Team or an Agilent Technical Sales Professional for additional information or to discuss your requirements.

If you have a particular label challenge where you believe you need to place additional content on the label, refer to the Microplate Labeler User's Guide on "**Changing the size of a field on the label**" or contact Technical Support for assistance.

- 6. Media Kit Warranty.** Labels and ribbons are warranted for a period of 90 days after delivery or as required by local law.
- 7. Satisfaction Guarantee.** If you are not satisfied with your Agilent product within the first 60 days, you may return your purchase in its original condition for a full refund or credit. A return policy statement is posted under Product Information on the website. In the US and Canada, please call for a Return Authorization form and return instructions at 1-800-227-9770. If your Agilent product was purchased from a distributor, please contact the distributor.
- 8. Quality and Price Match Guarantee.** A Few Words on How to Stretch Your Budget... Buy Authentic Agilent Consumables.
Quality. Have confidence in every supply item you purchase. Original Agilent Consumables feature published Specifications and Warranties, are Verified and Validated and include Application Support. You are guaranteed top notch system performance when teamed-up with Agilent Instrumentation.
Value. You are always assured the highest value when you invest in Authentic Agilent Consumables—we promise. Agilent will match any verifiable offer by any microplate label/ribbon supplier for an equivalent product. Ask your Agilent sales or support professional for details.

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© Agilent Technologies, Inc. 2010
Published in the U.S.A. April 27, 2010
5990-3663EN



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