

LABORATORY LABELING

SOLUTIONS & PRODUCTS GUIDE





WHO WE ARE

Here at Computype, we engineer labeling solutions that ensure accuracy and safety, reducing waste and cost in the process for the Diagnostics, Biopharma, and Transfusion Medicine sectors.

We have worked with many anatomical pathology labs and diagnostic instrument suppliers worldwide for over 40 years. Understanding the tracking challenges these organizations face has helped us develop labeling solutions which perform dependably, whatever the requirement.

In Biopharma, Computype provides labels and automatic identification systems which accommodate extreme heat, cold, and demanding chemical processes. Our solutions integrate with your existing containers, and fully support automated handling. 7 of the top 20 pharmaceutical companies in North America choose Computype for dependable compound storage traceability.

LABEL, TRACK, AND MANAGE LABWARE

What are you Labeling?

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WHAT ARE YOU LABELING?

TUBES AND VIALS

Material	Typical Application	CHEMICAL RESISTANCE					ENVIRONMENTAL							
		DMSO	Methanol	Acetone	Isopropyl Alcohol	Xylene	Staining	Oven 500 C	Autoclave 122 C	Incubator 40 C	Refrigerator 4 C	Freezer -20 C	Deep Freeze -80 C	Vapor Phase -120 C
Polypropylene														
TS818	Plastic and glass vials and tubes	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓
TS864	Plastic and glass vials, tubes, and slides	✓	✓	✓	✓		✓	✓	✓	✓	✓			
TS839P	Microwell plates	✓	✓	✓	✓		✓	✓	✓	✓	✓			
Polyester														
TS955	Glass slides	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
TS526 FLAP	Glass slides	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
Ceramic														
TS951	Glassware	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

CRYO HOLD LIQUID NITROGEN LABELS

For Glass and Plastic Tubes and Vials Exposed to -196°C

- TS818 polypropylene; adheres to frozen glass (wipe off frost before applying)
- Self-adheres and completely wraps around tubes ranging in size from as little as 0.5 ml up to 50 ml
- Withstands both direct and vapor liquid nitrogen exposure and an autoclave
- Resistant to solvents such as DMSO, methanol, isopropyl alcohol, etc.

Kit P/N	Label Size	Image Size	Printer Type	Labels / Roll
1020386-1	0.5" x 1.8"	0.5" x 0.75"	Desktop	1400
1020386	0.5" x 1.8"	0.5" x 0.75"	Industrial / High-Performance	3000
1020388-1	0.68" x 2.5"	0.68" x 1.0"	Desktop	1000
1020388	0.68" x 2.5"	0.68" x 1.0"	Industrial / High-Performance	2000
1020390-1	1" x 2.625"	1.0" x 1.0"	Desktop	950
1020390	1" x 2.625"	1.0" x 1.0"	Industrial / High-Performance	2000
15298936	1" x 2.28"	1.0" x 1.0"	Desktop	1150
15298937	1" x 2.28"	1.0" x 1.0"	Industrial / High-Performance	2400



Blank Cryo Hold Liquid Nitrogen Label



Printed Cryo Hold Liquid Nitrogen Label



Applied Cryo Hold Liquid Nitrogen Label

YOU SHOULD KNOW

Need something you don't see? Or have an idea that would really help your lab run more efficiently? Let us know. Most of what you'll see in this catalog started as a customer brainstorm!

NOTE: All blank labels are kitted with matched ribbon and cleaning wipe.

WHAT ARE YOU LABELING?

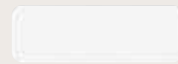
TUBES AND VIALS

CRYO HOLD FREEZER LABELS

For Tubes and Vials Exposed to -80°C

- TS864 polypropylene
- Resistant to solvents such as DMSO, methanol, isopropyl alcohol, etc.
- Configured for desktop or industrial thermal transfer printers
- Fits diameters of 0.5 ml to 50 ml

Kit P/N	Label Size	Printer Type	Labels / Roll
1013646	0.75" x 0.5"	Industrial / High-Performance	9400
1004938-1	1" x 0.5"	Desktop	4400
1004938	1" x 0.5"	Industrial / High-Performance	9400
1020270-1	1.5" x 0.75"	Desktop	2500
1020270	1.5" x 0.75"	Industrial / High-Performance	6700
1004939-1	2" x 1"	Desktop	2500
1004939	2" x 1"	Industrial / High-Performance	5225



Blank Cryo Hold Freezer Label



Printed Cryo Hold Freezer Label



Applied Cryo Hold Freezer Label

WHAT ARE YOU LABELING?

TUBES AND VIALS

CRYO HOLD FREEZER BULLET LABEL

For Microcentrifuge Tubes Exposed to -80°C

- TS864 polypropylene
- Resistant to solvents such as DMSO, methanol, isopropyl alcohol, etc.
- Configured for desktop or industrial thermal transfer printers
- "Bullet" shape to fit 1.5 ml to 2.0 ml centrifuge tubes

Kit P/N	Label Size	Printer Type	Labels / Roll
1004791	1.2" x 1.5"	Industrial / High-Performance	3475
1005234-1	1.2" x 1.5"	Desktop	1700
1005234	1.2" x 1.5"	Industrial / High-Performance	3400



Blank Cryo Hold Freezer Bullet Label



Printed Cryo Hold Freezer Bullet Label



Applied Cryo Hold Freezer Bullet Label

WHAT ARE YOU LABELING?

MICROWELL PLATES

PLATE LABELS

Suitable for Automatic Application

- TS839P polypropylene
- Holds up to -80° C freeze / thaw cycles and an autoclave
- Resistant to solvents such as DMSO, methanol, isopropyl alcohol, etc.
- Configured for desktop or industrial thermal transfer printers
- Custom version also available with paper liner

Kit P/N	Label Size	Printer Type	Labels / Roll
1004567-1	2" x 0.25"	Desktop	7000
1004567	2" x 0.25"	Industrial / High-Performance	14,000
1004524-1	2.5" x 0.25"	Desktop	7000
1004524	2.5" x 0.25"	Industrial / High-Performance	14,000
1004522	2.75" x 0.25"	Industrial / High-Performance	14,000



Blank Polypropylene Plate Label



Printed Polypropylene Plate Label



Applied Polypropylene Plate Label

NOTE: All blank labels are kitted with matched ribbon and cleaning wipe.

WHAT ARE YOU LABELING?

SLIDES

SLIDE LABELS

For Glass Slides Exposed to Chemical Processing

- TS955 polyester slide labels—capable of holding up to direct immersion in xylene, DMSO, methanol, isopropyl alcohol, etc.
- TS526 polyester FLAP labels—the tab is adhered over the image to help protect it throughout the life of the slide

Material	Kit P/N	Label Size	Printer Type	Labels / Roll
TS955	1004781-1	0.875" x 0.875"	Desktop	2800
TS526 FLAP	1020384	0.875" x 0.875"	Industrial / High-Performance	500



Blank Slide Label



Applied Slide Label



Printed Slide Label

NOTE: All blank labels are kitted with matched ribbon and cleaning wipe.

ON DEMAND LABELING

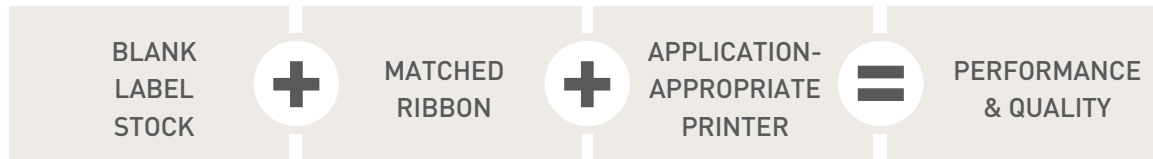
On-demand labels arrive ready to be printed, and are kitted with the optimum ribbon to ensure the best label performance in your environment.

YOU SHOULD KNOW

- Comuptype kits label materials with the right ribbon to ensure environmental endurance
- Any thermal transfer printer is only as good as the blank label stock it uses
- Partial pre-prints (logos, color stripes, etc.) can enhance an on-demand printed label

HOW IT WORKS

Successful on-demand label printing requires a few simple, but important components:



Your lab information system may need help with barcode data collection—that's where we come in. We provide custom interfaces and leverage hardware capabilities to deploy barcode scanning throughout the lab.

SOFTWARE

Comuptype's top-of-the-line engineering staff is able to provide custom software to fit your labware automation needs. In addition to this, we are able to offer premier off-the-shelf software that has proven successful implementation into customer processes.

PRINTERS

We offer a variety of label printing systems to meet the needs of your projects



ZEBRA GX430T



CAB EOS



CAB MACH 4



CAB SQUIX



LABORATORY LABEL REPLICATOR SYSTEM



DONATION IDENTIFICATION NUMBER (DIN) LABEL REPLICATOR



AUTOMATION

Whether it's tubes, plates or slides, the manual process of labeling labware can be tedious and time-consuming. Fortunately, Computype offers a range of automation options to assist in automating your sample identification process. Based on the complexity of your needs and your labeling volume, we'll recommend the best unit to increase throughput in your lab.

	PR100i Tube Pro with Light Curtain	Flex TVF Bulk Tube & Vial Feeder	Flex Tube Pro Tube & Vial Labeler
Automatic Labeling and Handling of Tubes and Vials	●		●
Labels up to 900 pieces/hour with precision placement tolerance of $\pm 0.35\text{mm}$			
Hands-free processing of up to 2,000 pieces/2hrs of walkaway		●	●
Orients for label placement in the correct location		●	●
Dispenses in bulk or to next stage in automation process; integrates into existing workflow systems		●	●

LABELING SERVICES: READY LABWARE SERVICES



READY Labware Services is a comprehensive labeling service to suit your specifications. This flexible service program provides all your necessary containers pre-identified and pre-marked, allowing for major time, budget, staffing, and inventory savings.



A range of ID
READY Labware Services offers three options in adhering IDs to labware – dependable pressure-sensitive adhesive, Direct Mark ID for glass and plastic, and permanently fired-on ceramic barcodes for glass containers. Our technologies don't require any surface treatment to containers, so integrity of your labware won't ever be compromised.



Cryogenic storage capability
Computype labels and marking technologies are designed and engineered for dependable performance in cryogenic storage environments.



Already tare weighed on delivery
READY Labware Services gives you the option to remove the time-consuming task of tare weighing containers from your lab, allowing staff the ability to spend their time on more productive tasks. Tare weighing can be utilized with all container types and marking technologies, but direct mark and ceramic marking are recommended when consistent weight of glass containers over time is critical.



Quality connections
Computype maintains close relationships with the best, most trusted scientific glassware manufacturers to ensure quality labware you can rely on.



Color options
We have various color options for your barcodes and IDs, creating an extra layer of certainty in tracking, and allowing more ways to distinguish your brand, specific lots, and variants.



Enabling meaningful work
With all the 'housework' of sourcing, preparing, and storing labware outsourced and in safe hands, you're free to concentrate on scientific activities.



Across molecular diagnostics, DNA sequencing, tissue diagnostics, and many point of care processes, the read/write data capabilities of Computype hybrid barcode RFID labels support faster, more complex automated throughput and enhanced platform precision. Our RFID offering provides these 5 features to further benefit your company processes.

- **'Intelligent' consumables** – as data can be stored, added, and retrieved from each RFID label, consumables and reagents can communicate their status and process history.
- **Instant easy identification** – each sample can be identified within a lot simply by scanning the package; there's no need to open the pack or physically search through its contents.
- **Hybrid RFID/barcode functionality** – as part of a label set, these enable elevated quality measurement at different process stages all while optimizing the workflows as intended.
- **Application engineering** – engage our high-frequency RFID, product development, and software development expertise early in the innovation process to ensure system integration & launch timelines are met.
- **Smart phones as a diagnostic interface** – RFID's sister technology Near Field Communication (NFC) is enabling smart phones to become interfaces, and opening cloud-based data storage as an added feature for next-generation diagnostics platforms.



LABELING SOLUTIONS FOR HEALTHCARE

Computype's scope is globally spread, yet delivered by local experts for the most attentive, responsive service in regards to the many sectors of the healthcare industry. From our wide suite of solutions and services, Computype is able to help organizations mitigate risk, save money, and easily integrate new technologies into existing systems.

To learn more go to www.computype.com or contact us direct:

WE'D LOVE TO HEAR FROM YOU.

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