

# DuraLabel<sup>®</sup> LabPRO

## Medical & Laboratory Label Printer



DuraLabel LabPRO  
Actual Size:  
7.5" x 8" x 12"

*Use this versatile sign and label printer to create your own customized pipe markers, facility safety signs and laboratory labels to reduce the cost and time delay associated with ordering from an outside service.*

### Medical Label Applications:

- Medical Pipe Markers
- Compressed Gas Cylinders
- Surgery Room Labels
- Hazardous Waste Labels
- Medical Devices/Equipment
- Chemical Container Labels
- Non-Hazardous Waste Labels
- Inspection Labels
- Radiation Labels
- Biohazards
- Wayfinding
- Vessels & Tanks
- Syringe Labels
- Chemical Storage Areas
- Anesthesia Labels
- Formaldehyde Labels
- Fire Extinguishers
- "Sterile" Labels w/Lot Number
- Equipment Operating Labels
- Emergency Eyewash Stations
- Petri Dish Labels
- Calibration Data Labels
- Restricted Area Labels
- Wire & Cable Markers
- Aisle Markers & Arrows
- Valve Tags
- Liquid Nitrogen Labels
- Safety Labels
- Static Sensitive Devices



According to **NFPA 99 §4-3.1.2.13** (Gas Piping), medical gas pipes must be marked with labels, such as DuraLabel premium vinyl labels, that cannot be readily removed from the pipe.

**Medical Labeling Supplies** for the DuraLabel LabPRO printer are tough. They meet **CGA C-9** and **NFPA 99 Medical Labeling Standards**. These durable, indoor/outdoor vinyl tapes and ribbons are easy to load, UV-resistant to prevent fading, moisture resistant, scratch resistant and are available in a variety of colors for creating a customized, uniform facility appearance.

### Medical & Laboratory Label Supplies:

- Cryogenic VialWRAP - color-coded
- Cryogenic Label Supply
- Frozen Specimen Label Supply
- SlidePRO Self-Laminating Label Supply
- Laboratory Tamper Evident Supply
- Write-On Medical Label Supply
- SlideChem Label Supply & Ribbon (resistance to Xylene, Ethanol & Isopropanol)
- Medical Inspection Label Supply
- Electrostatic Dissipative Label Supply (ESD)
- Universal Medical Label Supply
- Repositionable Label Supply
- Extended-Life Vinyl
- Photoluminescent (Glow-in-the-Dark)
- High-Tack Label Supply
- Clear Matte Poly Supply
- Magnetic Label Supply
- MedTag - colors available
- Glove-Peel Label Supply
- Fluorescent Tape

### Need Large Facility Signs? Get the DuraLabel 9000!

Print oversized signs and labels that **get noticed!**



Actual Size:  
18.5" x 13.8" x 21.65"

**Medical Specific Symbols** and general symbols are included with the purchase of the DuraLabel LabPRO. PPE symbols as well as facility graphics are a quick reference for safety. Medical symbols are in compliance with ISO 15223 and EN 980 for labeling of medical devices. General industrial symbols are included for safety labels. Over 1300 medical and industrial symbols included.



**Click... Print... Solve... 1-800-788-5572**

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# Medical Pipe Marking Guide

NFPA 99 & CGA C-9 Standard Color Marking of Compressed Gas Containers, Pipelines & Valves for Medical Use  
ASME/ANSI Pipe Identification Placement & Orientation Standards

## COLOR CODE

Material Properties

Letter Color on Field Color

Example

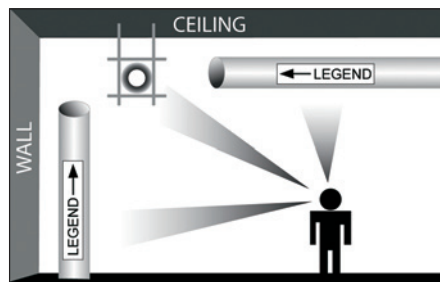
Material Properties	Letter Color on Field Color	Example
<b>Single Gases</b>		
Oxygen USP <sup>†</sup>	White on Green	→ OXYGEN 50-55 PSI →
Carbon Dioxide <sup>†</sup>	White on Gray	→ CARBON DIOXIDE →
Nitrous Oxide <sup>†</sup>	White on Blue	→ NITROUS OXIDE →
Cyclopropane <sup>‡</sup>	Black on Orange	→ CYCLOPROPANE →
Helium USP <sup>†</sup>	White on Brown	→ HELIUM 50-55 PSI →
Nitrogen NF <sup>†</sup>	White on Black	→ NITROGEN 160-200 PSI →
Medical Air USP <sup>†</sup>	Black on Yellow	→ MEDICAL AIR →
Instrument Air <sup>†</sup>	White on Red	→ INSTRUMENT AIR →
Waste Anaesthetic Gas Disposal (WAGD) <sup>†</sup>	White on Violet	→ WASTE ANAESTHETIC →
Laboratory Air <sup>†</sup>	Black on Yellow and White Checkerboard	→ LABORATORY AIR →
Laboratory Vacuum <sup>†</sup>	Black on White and Black Checkerboard <sup>‡</sup>	→ LABORATORY VACUUM →
Medical-Surgical Vacuum <sup>†</sup>	Black on White	→ MEDICAL VACUUM →
<b>Gas Mixtures of Oxygen USP and Nitrogen NF</b>		
19.5% to 23.5% Oxygen <sup>‡</sup>	Black on Yellow	→ 20% OXYGEN 80% NITROGEN →
All other Oxygen Concentrates <sup>1‡</sup>	Black AND Green	→ 40% OXYGEN 60% NITROGEN →
<b>Other Gas Mixtures</b>		
Oxygen USP and Nitrous Oxide USP: <sup>1‡</sup> 52.5% Oxygen USP, 47.5% Nitrous Oxide USP	Not Assigned - Defined By User -	→ 52.5% OXYGEN 47.5% NITROGEN →
Oxygen USP and Carbon Dioxide USP: <sup>1‡</sup> ≥ 93% Oxygen USP, remainder Carbon Dioxide USP	Gray on Green	→ 93% OXYGEN 7% CARBON DIOXIDE →
Oxygen USP and Helium USP: <sup>1‡</sup> ≥ 20% Oxygen USP, remainder Helium USP	Green on Brown	→ 20% OXYGEN 80% CARBON DIOXIDE →

<sup>1</sup> Use the background colors of the Single Gases. For Other Gas Mixture Pipe Labels, use the major gas for label color and use the minor gas color for text color.

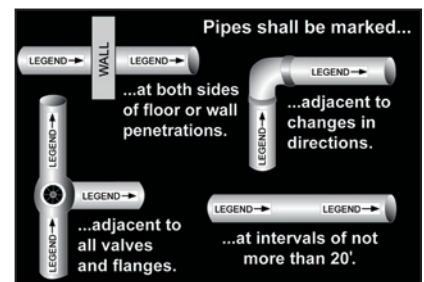
<sup>2</sup> Use a white box with a black outline behind the text. <sup>†</sup>Complies to NFPA 99 color marking standards. <sup>‡</sup>Complies to CGA C-9 color marking standards.

## PLACE MARKERS:

- To indicate direction of flow by labeling with arrows at one or both ends of the label
- Near valves, flanges and changes in pipe direction
- To be visible from the point of normal approach
- Both sides of ceiling, wall, partitions or floor penetrations
- At least once in or above every room
- On straight pipe runs, at intervals of not more than 20 ft
- At least once in every story height traversed by risers



Above: Label placement in relation to point of normal approach



Above: Orientation of Labels

## PIPE MARKER SIZE CHART Letter & Label Dimensions are based on pipe diameter

Outside Pipe Diameter Including Covering	Minimum Length of Label Field Color	Minimum Height of Letters
.75" - 1.25"	19 - 32 mm	8" 203 mm
1.5" - 2"	38 - 51 mm	8" 203 mm
2.5" - 6"	64 - 152 mm	12" 305 mm
8" - 10"	203 - 254 mm	24" 610 mm
Over 10"	Over 254 mm	32" 813 mm

**NOTE:** It is recommended that pipes less than .75" in diameter, be labeled with a permanent tag



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