

Brady 57974

Brady 57974 Ammonia Pipe Marker User Manual

Model: 57974 | Brand: Brady

1. PRODUCT OVERVIEW

The Brady 57974 Ammonia Pipe Marker is designed for clear and effective labeling of ammonia piping systems. This product ensures compliance with safety standards by providing highly visible identification of pipe contents. Each pack contains 12 individual markers, suitable for industrial and commercial applications where precise pipe content identification is critical for safety and operational efficiency. This pipe marker is specifically engineered to meet the IIAR (International Institute of Ammonia Refrigeration) Standard, ensuring its suitability for ammonia refrigeration systems and other ammonia-carrying pipelines. The design includes clear text and directional arrows to indicate flow, enhancing safety protocols and facilitating quick identification in emergency situations or during routine maintenance.



Figure 1: Brady 57974 Ammonia Pipe Marker. This image displays a rolled-up yellow pipe marker with black text "LTRL LIQ AMMONIA LOW" and a black arrow indicating flow direction. The marker features orange and green bands for additional identification.

2. SETUP AND INSTALLATION

Proper installation of the Brady 57974 pipe marker is crucial for its effectiveness and longevity. Follow these steps for optimal application:

1. **Surface Preparation:** Ensure the pipe surface where the marker will be applied is clean, dry, and free from grease, oil, dust, or any other contaminants. Use a suitable cleaning agent if necessary, and allow the surface to dry completely.
2. **Placement:** Position the pipe marker in a highly visible location on the pipe, ideally near valves, fittings, changes in direction, or at regular intervals along long pipe runs. Ensure the text and directional arrow are oriented correctly for easy reading.
3. **Application:** Peel off the backing from the adhesive side of the marker. Carefully wrap the marker around the pipe, ensuring it adheres smoothly without wrinkles or air bubbles. Press firmly along the entire length of the marker to ensure full contact with the pipe surface.
4. **Directional Arrow:** Confirm that the directional arrow on the marker accurately indicates the flow direction of the ammonia within the pipe.

For best results, apply the markers in an environment with moderate temperature and humidity. Avoid applying in extremely cold or hot conditions, as this may affect adhesive performance.

3. OPERATING INSTRUCTIONS (PURPOSE AND FUNCTION)

The Brady 57974 Ammonia Pipe Marker serves as a critical visual communication tool. Its primary function is to clearly identify pipes carrying ammonia, enhancing safety and operational efficiency within industrial environments.

- **Content Identification:** The prominent "AMMONIA" text immediately informs personnel about the pipe's contents, preventing accidental exposure or mishandling.
- **Flow Direction:** The integrated directional arrow indicates the flow of the substance, which is vital for maintenance, troubleshooting, and emergency response.
- **Standard Compliance:** Designed to meet IIAR standards, these markers help facilities comply with industry regulations and best practices for ammonia refrigeration systems.
- **Enhanced Safety:** By providing clear and consistent labeling, the markers reduce the risk of errors during maintenance, repairs, or system modifications, contributing to a safer working environment.

No active "operation" is required for the marker itself; its function is passive, providing continuous visual information once installed.

4. MAINTENANCE

To ensure the continued effectiveness and readability of your Brady 57974 Ammonia Pipe Markers, periodic maintenance is recommended:

- **Regular Inspection:** Periodically inspect all installed pipe markers for signs of wear, fading, peeling, or damage. The frequency of inspection should be determined by the environmental conditions and operational demands of your facility.
- **Cleaning:** If markers become dirty, gently clean them with a mild soap solution and a soft cloth. Avoid

abrasive cleaners or harsh chemicals that could damage the marker's surface or fade the print. Rinse with clean water and allow to air dry.

- **Replacement:** Replace any markers that are no longer clearly legible, have lost their adhesive properties, or are physically damaged. Maintaining clear and intact labeling is essential for safety compliance.
- **Environmental Considerations:** While designed for durability, extreme temperatures, prolonged exposure to direct sunlight, or harsh chemical environments may accelerate wear. Consider these factors during inspection and replacement planning.

5. TROUBLESHOOTING

While the Brady 57974 pipe markers are designed for reliability, certain issues may arise. Here are common concerns and their solutions:

Problem	Possible Cause	Solution
Marker is peeling or not adhering properly.	<ul style="list-style-type: none">• Improper surface preparation (dirty, oily, wet).• Application in extreme temperatures.• Insufficient pressure during application.• Pipe surface material incompatibility.	<ul style="list-style-type: none">• Ensure pipe surface is thoroughly cleaned and dry before application.• Apply in recommended temperature ranges (typically room temperature).• Apply firm, even pressure across the entire marker during installation.• Consult Brady technical support if issues persist on specific pipe materials.• Replace the marker if adhesion is compromised.
Text or graphics are fading.	<ul style="list-style-type: none">• Prolonged exposure to harsh UV light.• Exposure to aggressive chemicals or solvents.• Abrasion from physical contact.	<ul style="list-style-type: none">• Regularly inspect and replace faded markers.• Consider protective overlays if markers are exposed to harsh conditions.• Ensure markers are not in areas of high physical contact.
Marker is damaged (torn, ripped).	<ul style="list-style-type: none">• Physical impact or abrasion.• Improper handling during installation.	<ul style="list-style-type: none">• Replace damaged markers immediately to maintain safety compliance.• Handle markers carefully during application.

6. SPECIFICATIONS

- **Model Number:** 57974
- **Product Type:** Pipe Marker
- **Substance Identified:** Ammonia (IIAr)
- **Quantity:** Pack of 12 pcs
- **Manufacturer:** Brady
- **ASIN:** B00ID7YL02
- **First Available Date:** February 11, 2014





- **Compliance:** Meets IIAR Standard



7. WARRANTY AND SUPPORT

For information regarding product warranty, returns, or technical support for the Brady 57974 Ammonia Pipe Marker, please refer to the official Brady website or contact Brady customer service directly. Specific warranty terms may vary based on region and purchase agreement.

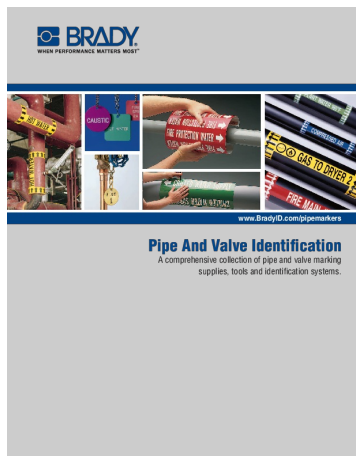
You can visit the official Brady store for more information: [Brady Official Store](#)

Related Documents - 57974

 <p>BRADY M611 LABEL PRINTER User Manual</p>	<p>Brady M611 Label Printer User Manual - Features, Setup, and Support</p> <p>Explore the Brady M611 Label Printer with this comprehensive user manual. Learn about its rugged design, wireless connectivity (Bluetooth, Wi-Fi), touchscreen interface, and software integration for creating professional labels. Find setup guides, maintenance tips, and technical support resources.</p>
 <p>BRADY</p>	<p>Brady Portable Label Printers: Model Comparison, Specifications, and Selection Guide</p> <p>This document provides a comprehensive comparison of Brady's portable label printer models, including the BMP21-LAB, BMP21-PLUS, BMP41, BMP51, BradyPrinter M611, BMP61, and BMP71. It details technical specifications, features, applications, and built-in wizards to assist users in selecting the optimal label printer for industrial, electrical, datacom, laboratory, and safety identification needs. Compatibility with Brady Workstation Software is also noted.</p>
 <p>BRADY M710 LABEL PRINTER</p>	<p>Brady M710 Portable Label Printer: Speed, Durability, and Versatility</p> <p>Discover the Brady M710, the fastest and most advanced portable label printer. Ideal for industrial and field applications, it offers high-speed printing, extensive material compatibility, robust durability, and seamless connectivity with mobile apps and software.</p>
 <p>BRADY BMP21-PLUS LABEL PRINTER QUICK START GUIDE</p>	<p>Brady BMP21-PLUS Label Printer Quick Start Guide</p> <p>This guide provides essential information for setting up and operating the Brady BMP21-PLUS handheld label printer. Learn how to install batteries, connect AC power, change label cartridges, use the keypad, create, save, open, and print labels.</p>

	<p>Brady M211 Label Printer Quick Start Guide</p> <p>Get started quickly with the Brady M211 Label Printer. This guide covers charging, label insertion, app download, power on, and Bluetooth connection.</p>
	<p>Brady M410 Label Printer: Frequently Asked Questions</p> <p>Comprehensive FAQ for the Brady M410 Label Printer, covering its features, connectivity, label compatibility, software integration with Brady Workstation, and support information.</p>

Documents - Brady – 57974



[\[pdf\]](#) Instructions Borchure

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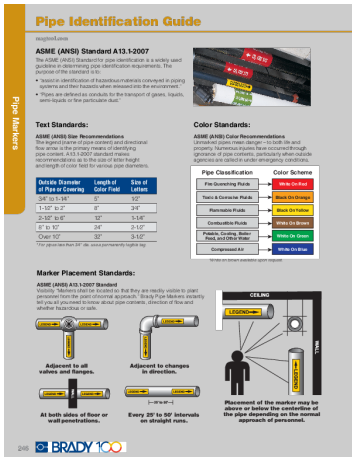
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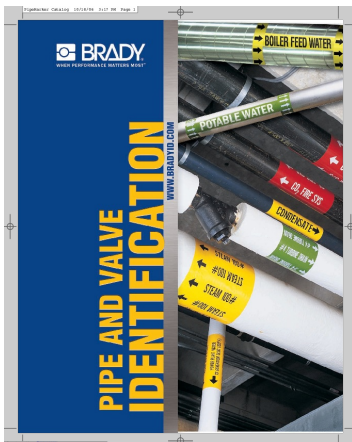
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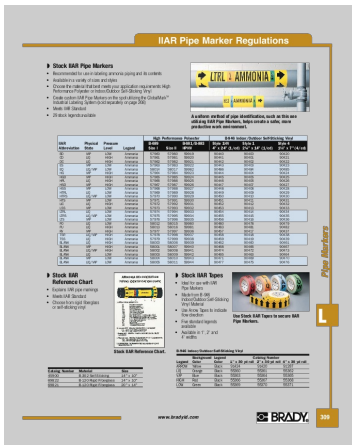
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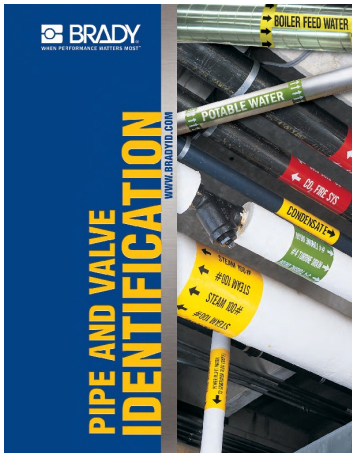
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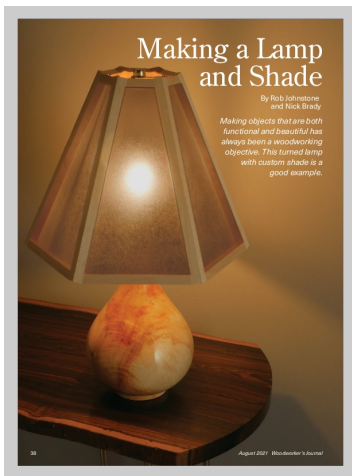
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PIPE VALVE ID CATALOG brady s pipe valve identification catalog Identification Tag Materials 22 Stock

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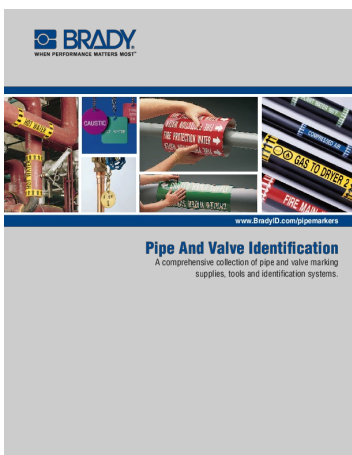


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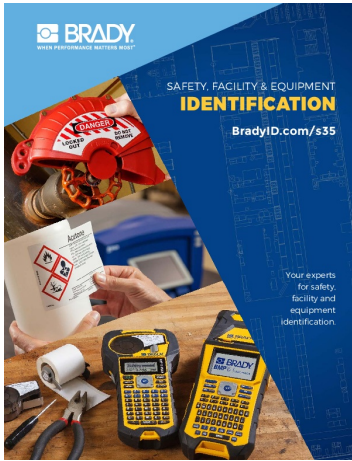
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