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Anderson Metals 38300-0815

Instruction Manual for Anderson Metals 38300-0815 Brass Nipple

Model: 38300-0815 | Brand: Anderson Metals

Introduction

The Anderson Metals 38300-0815 Brass Nipple is a high-quality pipe fitting designed for various plumbing and industrial applications. Manufactured from durable brass, this nipple serves as a connector to extend or join pipes with compatible threading. Its robust construction ensures reliable performance in appropriate systems.
Key features include:

- Made of Brass for durability and corrosion resistance.
- Size: 1/2 inch x 1-1/2 inch, suitable for standard pipe connections.
- Easy and simple to use for connecting threaded components.
- Professional quality for reliable performance.

Safety Information

Always observe general safety precautions when working with plumbing systems and fittings. Ensure the system is depressurized and drained before installation or maintenance. Use appropriate personal protective equipment (PPE) such as gloves and eye protection.
Proposition 65 Warning:
This product may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. Wash hands after handling.
While this brass nipple is a passive component, ensure that any connected electrical systems operate within safe voltage limits. The product is rated for systems up to 120 Volts, if used in conjunction with electrical components.

Setup and Installation

The Anderson Metals 38300-0815 Brass Nipple is designed for straightforward installation into compatible threaded ports or pipes. Proper installation is crucial for preventing leaks and ensuring system integrity.

Installation Steps:

1. **Prepare Threads:** Ensure both the nipple's threads and the mating pipe's threads are clean and free of debris.
2. **Apply Sealant:** Apply an appropriate thread sealant (e.g., PTFE tape or pipe dope) to the male threads of the nipple. Wrap PTFE tape clockwise around the threads, typically 2-3 wraps.
3. **Hand Tighten:** Carefully align the nipple with the receiving pipe or port and hand-tighten until snug. Avoid cross-

threading.

4. **Wrench Tighten:** Using an appropriate wrench, tighten the nipple an additional 1 to 3 turns past hand-tight, or as recommended by the sealant manufacturer. Do not overtighten, as this can damage threads or the fitting.
5. **Leak Check:** After installation and system repressurization, carefully check all connections for leaks.



Image: A close-up view of the Anderson Metals 38300-0815 Brass Nipple, highlighting its external threads. This image shows the precision of the NPT threads designed for secure connections.

Operating Principles

As a pipe nipple, this component functions as a static connector within a fluid or gas transfer system. Once properly installed, it facilitates the flow of media between two connected points. Its operation is passive, relying on the integrity of its connection and the system's pressure.
Ensure that the operating pressure and temperature of your system are within the safe limits for brass fittings to prevent failure.



Image: A full view of the Anderson Metals 38300-0815 Brass Nipple, showing its complete length and threaded ends. This image illustrates the typical appearance of the product as it would be used in a plumbing assembly.

Maintenance

Brass nipples are generally low-maintenance components. Regular inspection is recommended to ensure continued performance and prevent issues.

Maintenance Tips:

- **Visual Inspection:** Periodically check the nipple and surrounding connections for any signs of corrosion, wear, or damage.
- **Leak Detection:** If the system is under pressure, check for any signs of leaks around the threaded connections. Small leaks can often be resolved by slightly tightening the fitting, but significant leaks may require disassembling, re-applying sealant, and re-installing.
- **Cleaning:** If necessary, clean the exterior of the nipple with a soft cloth. Avoid harsh chemicals that could damage the brass finish or surrounding materials.

Troubleshooting

Most issues related to pipe nipples involve leaks or improper fit. Here are common problems and their solutions:

Problem	Possible Cause	Solution
Leak at connection	Insufficient thread sealant, loose connection, damaged threads, incompatible threads.	Depressurize system. Tighten connection slightly. If leak persists, disassemble, clean threads, re-apply thread sealant, and re-install. Inspect threads for damage; replace if necessary. Ensure thread types (NPT) are compatible.
Nipple does not thread smoothly	Cross-threading, debris in threads, incompatible thread size/type.	Ensure proper alignment before tightening. Clean threads thoroughly. Verify that the nipple's 1/2-inch NPT threads match the receiving component's threads.
Corrosion on nipple surface	Exposure to harsh chemicals, incompatible metals in contact (galvanic corrosion), prolonged exposure to moisture.	Clean with a soft cloth and mild cleaner. Ensure proper material compatibility in the system. If corrosion is severe and compromises integrity, replace the nipple.

Specifications

Attribute	Detail
Brand	Anderson Metals
Model Number	38300-0815
Part Number	463-015
Material	Brass
Size	1/2 inch x 1-1/2 inch (Pack of 1)
Connector Type	Nipple
Thread Size	0.5 inch
Thread Type	NPT
Exterior Finish	Brass
Color	Brass

Item Dimensions (L x W x H)	1 x 2 x 1 inches
Item Weight	1.6 ounces
Number of Pieces	1
UPC	719852922605
Manufacturer	Anderson Metals Corp.,
Voltage (if applicable to system)	120 Volts
Date First Available	January 8, 2007

Warranty and Support

Information regarding specific warranty terms or direct customer support contacts for the Anderson Metals 38300-0815 Brass Nipple was not available in the provided product data.
For warranty details, technical support, or further inquiries, please refer to the official Anderson Metals website or contact their customer service directly. You may also consult the retailer from whom the product was purchased.
Manufacturer Contact:

Brand: Anderson Metals

Manufacturer: Anderson Metals Corp.,

Website: www.andersonmetals.com (*Note: This is a placeholder URL as the actual URL was not provided in the data. Please verify.*)

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