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Anderson Metals 754070-06

Instruction Manual

ANDERSON METALS 754070-06 3/8-INCH LOW LEAD FLARE FEMALE SWIVEL

Model: 754070-06 | Brand: Anderson Metals

Product Overview

The Anderson Metals 754070-06 is a 3/8-inch low lead brass flare female swivel designed for reliable connections in various plumbing and gas applications. Manufactured from high-quality brass, this fitting ensures durability and resistance to corrosion. Its precision flare fittings and swivel design facilitate secure, leak-free connections and ease of installation.



Image: Anderson Metals 754070-06 3/8-Inch Low Lead Flare Female Swivel. This image displays the brass fitting, characterized by its hexagonal ends and a central swivel joint, indicating its robust construction and design for flexible connections.

Key features include:

- **High-Quality Brass Construction:** Ensures durability and resistance to corrosion.
- **Low Lead Content:** Meets industry standards for safe use in plumbing applications.
- **Versatile 3/8-Inch Size:** Suitable for a wide range of plumbing and gas connections.
- **Precision Flare Fittings:** Provides secure and leak-free connections.
- **Swivel Design:** Facilitates easy installation and flexibility during setup.

Setup and Installation

Proper installation is crucial for the safe and effective operation of the flare female swivel. Always ensure that all components are clean and free of debris before assembly.

1. **Preparation:** Ensure the mating flare connection surfaces are clean, smooth, and free from nicks or burrs.
2. **Alignment:** Align the flare female swivel with the male flare fitting. Ensure the threads are properly engaged to prevent cross-threading.
3. **Hand Tighten:** Hand tighten the swivel nut until it is snug.
4. **Wrench Tighten:** Using an appropriate wrench, tighten the nut an additional 1/4 to 1/2 turn past hand-tight. Do not overtighten, as this can damage the flare and cause leaks. Refer to specific torque specifications if available for your application.

5. **Leak Check:** After installation, perform a leak check using an approved method (e.g., soap solution for gas lines) to ensure a secure seal.

Warning: Always consult local plumbing and gas codes for proper installation procedures and safety requirements. Professional installation is recommended for gas applications.

Operating Guidelines

This flare female swivel is a passive component designed to create a sealed connection within a fluid or gas system. Its operation is dependent on the system it is integrated into.

- **Intended Use:** Designed for use in plumbing, HVAC, and gas applications where a 3/8-inch flare connection is required.
- **Pressure and Temperature:** Ensure the operating pressure and temperature of your system do not exceed the rated limits for brass flare fittings. Consult industry standards or a qualified professional if unsure.
- **Compatibility:** Verify compatibility with the specific fluid or gas being transported to prevent material degradation or chemical reactions.

Maintenance

The Anderson Metals flare female swivel requires minimal maintenance due to its durable brass construction. However, periodic inspection is recommended to ensure continued performance and safety.

- **Visual Inspection:** Regularly inspect the fitting for any signs of corrosion, damage, or leaks. Look for discoloration, cracks, or deformation.
- **Leak Checks:** For critical applications, periodic leak checks should be performed, especially after any system modifications or disturbances.
- **Cleaning:** If necessary, clean the exterior of the fitting with a soft cloth and mild detergent. Avoid abrasive cleaners or harsh chemicals that could damage the brass.
- **Replacement:** If any damage or persistent leaks are detected, the fitting should be replaced immediately by a qualified professional. Do not attempt to repair damaged flare fittings.

Troubleshooting

Most issues with flare fittings relate to leaks. Follow these steps if a leak is detected:

Problem	Possible Cause	Solution
Leak at connection	Improper tightening (too loose or too tight) Damaged flare surface (nick, scratch, burr) Cross-threaded connection Incorrect fitting size or type	Carefully retighten the nut to the recommended torque. Inspect flare surfaces; if damaged, replace the fitting. Disassemble, inspect threads, and re-thread carefully. Verify correct fitting size and type for the application.
Fitting appears corroded or discolored	Exposure to incompatible chemicals Environmental factors	Assess system compatibility. Replace the fitting if structural integrity is compromised.

If troubleshooting steps do not resolve the issue, discontinue use and consult a qualified professional.

Specifications

Model Number	754070-06
Brand	Anderson Metals
Size	3/8-Inch
Material	Brass
Connector Type	Flare Female Swivel
Thread Type	NPT
Item Dimensions (L x W x H)	3 x 1 x 1 inches
Item Weight	0.01 Ounces
Manufacturer	Anderson Metals Corp.,
UPC	719852939191

Warranty and Support

For information regarding product warranty, technical support, or replacement parts, please contact Anderson Metals directly. As a manufacturer of brass fittings since 1951, Anderson Metals is committed to quality and customer satisfaction.

Please refer to the official Anderson Metals website or your purchase documentation for the most current warranty terms and contact information.

Manufacturer: Anderson Metals Corp.,

Website: www.andersonmetals.com (Note: This is a placeholder URL, please refer to official product documentation for actual contact details.)