

SA-M36E-12

SA-M36E-12 Stand-Off Pipe Adaptor/Cover User Manual

MODEL: SA-M36E-12

1. INTRODUCTION

This user manual provides detailed instructions for the proper use, installation, and maintenance of the SA-M36E-12 Stand-Off Pipe Adaptor/Cover. This component is designed to facilitate secure and reliable connections between piping systems with M36x2 and 1/2-14 NPSM threads. Please read this manual thoroughly before installation and operation to ensure optimal performance and safety.

Product Overview



This image displays the SA-M36E-12 Stand-Off Pipe Adaptor/Cover. It is a black, conical component with internal threading visible at the wider end. The threads are designed for secure attachment, facilitating the connection between M36x2 and 1/2-14 NPSM pipe systems.

2. SETUP

Unpacking

- Carefully remove the SA-M36E-12 adaptor from its packaging.
- Inspect the adaptor for any signs of damage during transit. Do not use if damaged.
- Verify that all components are present as per the product description.

Installation

The SA-M36E-12 adaptor is designed for straightforward installation. Ensure that the mating threads are clean and free of debris before beginning.

1. Identify the M36x2 threaded end and the 1/2-14 NPSM threaded end of the adaptor.
2. Align the M36x2 threaded end of the adaptor with the corresponding M36x2 threaded pipe or component.
3. Carefully thread the adaptor onto the M36x2 connection, ensuring it engages smoothly without cross-threading.
4. Hand-tighten the connection until snug.
5. Align the 1/2-14 NPSM threaded end of the adaptor with the corresponding 1/2-14 NPSM threaded pipe or component.
6. Carefully thread the 1/2-14 NPSM component into the adaptor, ensuring smooth engagement.
7. Hand-tighten the connection. For a secure, leak-free seal, apply appropriate thread sealant (e.g., PTFE tape or pipe dope) to the male threads before assembly, and tighten to the manufacturer's recommended torque specifications for the connected components, if available.
8. Verify that both connections are secure and properly seated.

3. OPERATING INSTRUCTIONS

The SA-M36E-12 is a passive adaptor designed to provide a secure mechanical connection between two different thread types. Once properly installed, no further operational steps are required for the adaptor itself. Its function is to maintain the integrity of the connection and provide the specified stand-off distance.

- Ensure that the adaptor is not subjected to forces or pressures exceeding the specifications of the connected piping system.
- Regularly inspect the connections for any signs of loosening or wear, especially in environments with vibration or temperature fluctuations.

4. MAINTENANCE

The SA-M36E-12 adaptor requires minimal maintenance. Regular inspection is key to ensuring its long-term performance and the integrity of the connected system.

- **Cleaning:** If necessary, clean the exterior of the adaptor with a soft, damp cloth. Avoid using harsh chemicals or abrasive materials that could damage the surface.
- **Inspection:** Periodically inspect the threaded connections for any signs of corrosion, wear, or loosening. Ensure that the adaptor remains securely fastened to both mating components.
- **Environmental Considerations:** If installed in harsh environments (e.g., high humidity, extreme temperatures, corrosive atmospheres), increase the frequency of inspections.

5. TROUBLESHOOTING

Most issues related to the SA-M36E-12 adaptor stem from improper installation or incompatible components. Refer to the following table for common issues and their resolutions.

Problem	Possible Cause	Solution
Adaptor does not thread smoothly	Cross-threading; incompatible thread type; debris in threads.	Ensure correct thread alignment; verify thread specifications (M36x2 and 1/2-14 NPSM); clean threads thoroughly.
Connection is loose after tightening	Insufficient tightening; damaged threads; incorrect thread sealant.	Re-tighten securely, applying appropriate torque if specified; inspect threads for damage and replace if necessary; use proper thread sealant.
Leakage at connection point	Improperly sealed threads; damaged threads; insufficient tightening.	Disassemble, clean threads, reapply thread sealant (e.g., PTFE tape or pipe dope), and reassemble with proper tightening. Inspect for thread damage.

6. SPECIFICATIONS

Key technical specifications for the SA-M36E-12 Stand-Off Pipe Adaptor/Cover are listed below.

Specification	Value
Model Number	SA-M36E-12
Manufacturer	BANNER ENGINEERING
Item Weight	6.99 pounds
Included Components	1 Adaptor
ASIN	B0DRQTLN1T
Date First Available	December 27, 2024
Thread Type 1	M36x2
Thread Type 2	1/2-14 NPSM

7. WARRANTY AND SUPPORT

For specific warranty information regarding the SA-M36E-12 Stand-Off Pipe Adaptor/Cover, please refer to the documentation provided by the manufacturer, BANNER ENGINEERING, or the point of purchase. General return policies may apply as per the seller's terms.

For technical support or inquiries not covered in this manual, please contact the manufacturer or your authorized distributor. Ensure you have your product model number (SA-M36E-12) and purchase details available when seeking support.

