Beduan 1zf-08625-ghn

Beduan Garden Hose Adapter Instruction Manual

Model: 1zf-08625-ghn

1. Introduction

This manual provides essential information for the proper installation, operation, and maintenance of your Beduan Stainless Steel Garden Hose Adapter. Please read these instructions carefully before use to ensure safe and effective application. This adapter is designed to connect a 3/4-inch Garden Hose Thread (GHT) male connection to a 1-inch National Pipe Taper (NPT) male connection.

2. Product Overview

2.1. Features

- **Type:** Standard 3/4" GHT (Garden Hose Thread) Male to 1" NPT Male.
- **Material:** Constructed from stainless steel 304, offering enhanced durability and corrosion resistance compared to traditional brass fittings.
- **Function:** Facilitates the exchange of thread types between GHT and NPT connections.
- **Seal:** Designed with standard GHT and NPT threads to provide a tight and compatible seal.
- **Lead-Free:** Manufactured without lead, ensuring safety for various applications.

2.2. Components

The Beduan Garden Hose Adapter consists of a single, solid stainless steel piece with distinct threading on each end.



Image 1: Angled view of the Beduan Stainless Steel Adapter, showing the hexagonal center for wrench application and the threaded ends.

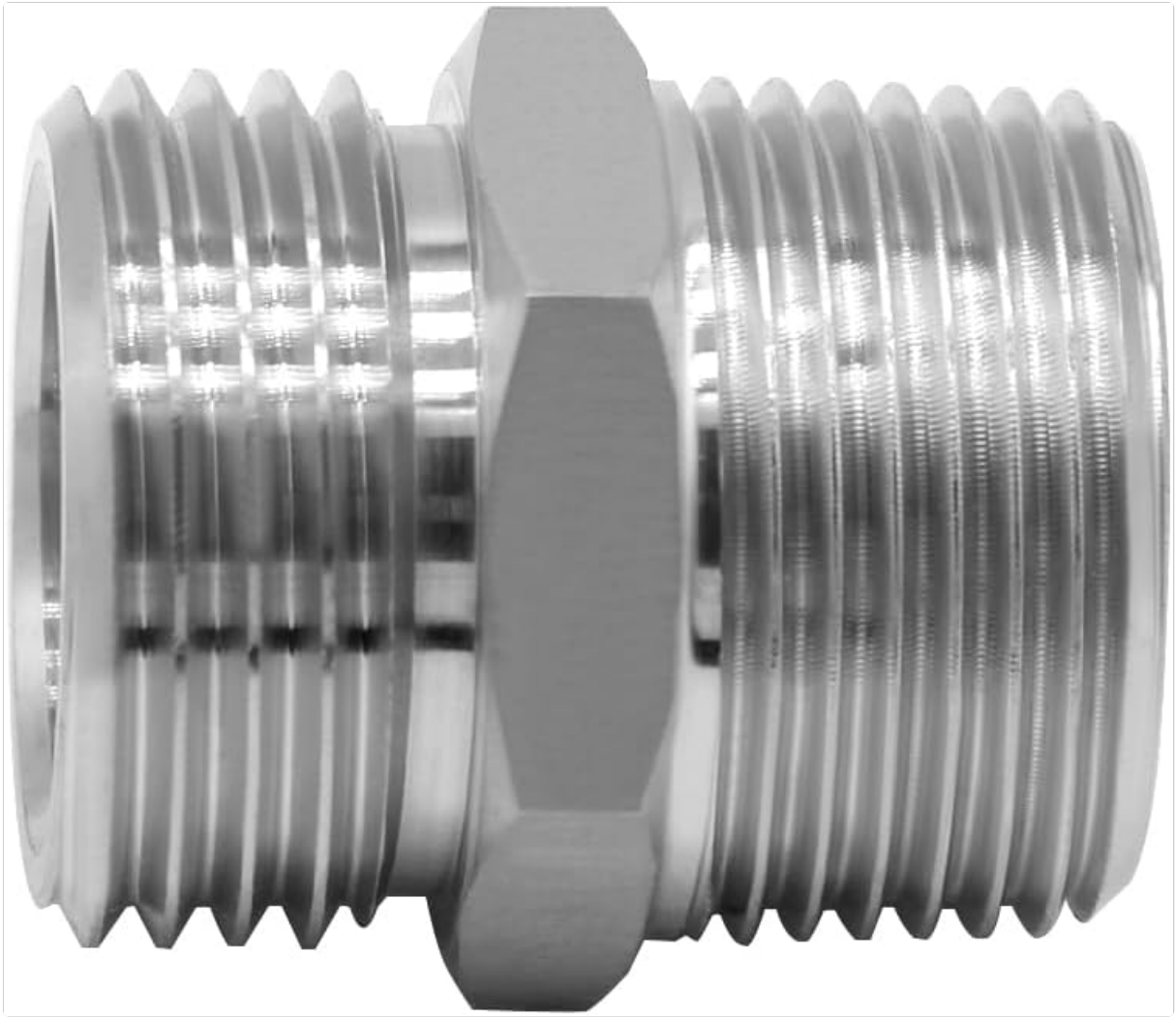


Image 2: Side view of the adapter, highlighting the distinct threading patterns on each side. The left side features GHT threading, and the right side features NPT threading.

3. Setup and Installation

3.1. Thread Identification

It is crucial to correctly identify the thread types of your existing connections before installation. This adapter features a 3/4" GHT Male thread on one end and a 1" NPT Male thread on the other. GHT (Garden Hose Thread) is a straight thread, while NPT (National Pipe Taper) is a tapered thread. They are not interchangeable without an adapter.

3.2. Installation Steps

1. **Inspect Connections:** Ensure both the garden hose connection and the pipe fitting connection are clean and free of debris.
2. **Apply Sealant (NPT side):** For the 1" NPT Male thread, apply an appropriate thread sealant (e.g., PTFE tape or pipe thread compound) to the threads. This is essential for creating a watertight seal with NPT connections.
3. **Connect NPT Side:** Carefully thread the 1" NPT Male end of the adapter into the corresponding 1" NPT Female pipe fitting. Hand-tighten first, then use a wrench on the hexagonal section of the adapter to tighten it securely. Avoid over-tightening, which can damage threads.
4. **Connect GHT Side:** Thread the 3/4" GHT Male end of the adapter into the 3/4" GHT Female garden hose connection. Garden hose connections typically use a rubber washer for sealing, so ensure a washer is present in the female garden hose fitting. Hand-tighten the garden hose connection.
5. **Check for Leaks:** Turn on the water supply and carefully inspect all connections for any leaks. If leaks occur, gently tighten the connections further or re-apply thread sealant as needed.

4. Operation

Once installed, the adapter functions as a passive connector, allowing fluid to flow between the connected garden hose and pipe system. No specific operational steps are required beyond ensuring secure connections and monitoring for leaks during initial use.

5. Maintenance

- **Regular Inspection:** Periodically check the adapter and its connections for any signs of wear, corrosion, or leaks.
- **Cleaning:** If mineral deposits or debris accumulate, disconnect the adapter and clean it with a mild detergent and water. Ensure all threads are clean before re-installation.
- **Storage:** If disconnecting for extended periods, store the adapter in a clean, dry place to prevent contamination or damage.

6. Troubleshooting

6.1. Leaks at Connection Points

- **Cause:** Insufficient tightening, damaged threads, missing or worn washer (GHT side), or inadequate thread sealant (NPT side).
- **Solution:** Ensure connections are tightened appropriately. For GHT connections, verify the presence and condition of the rubber washer. For NPT connections, ensure sufficient thread sealant has been applied. Inspect threads for damage; replace the adapter if threads are compromised.

6.2. Difficulty Threading

- **Cause:** Misalignment, cross-threading, or incompatible thread types.
- **Solution:** Ensure the adapter is aligned straight before threading. Never force connections. Confirm that the thread types (GHT and NPT) and sizes (3/4" and 1") of your components match the adapter. Remember that GHT and NPT are distinct thread standards.

7. Specifications

Attribute	Detail
Model Number	1zf-08625-ghn
Type	3/4" GHT Male x 1" NPT Male
Material	Stainless Steel 304
Color	Silver
Connector Type	Adapter
Exterior Finish	Stainless Steel
Item Weight	0.035 ounces (approx. 1 gram)
Package Dimensions	2.8 x 1.97 x 1.5 inches
Manufacturer	Beduan

8. Warranty Information

Specific warranty details for this product are not provided in the available information. For warranty inquiries, please

contact Beduan customer support directly.

9. Customer Support

For further assistance, technical support, or product-related questions, please refer to the contact information provided by Beduan on their official website or through your purchase platform.