

# HI-FORCE 44™ SOLDER - HI-FORCE 44 SOLDER 1LB RIBBON

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## 28,000 PSI-Flows At 475° F. The Best All-Round Solder For Gunsmithing

Brownells Hi-Force 44 Solder is an alloy solder containing 4% silver and 96% tin. Excellent for steel, stainless steel, nickel, brass and copper. Completely non-toxic. Flows free and smooth at about 475° F., greatly reducing heating time. No need for cumbersome oxyacetylene setups. Prevents black oxide formation to reduce cleanup time. Provides 14,000 to 28,000 PSI tensile strength. Will not crack under stress as do other low temperature soldering materials. And, a big plus . . . customers report that parts joined with Hi-Force 44 Solder showed no effects when immersed in hot bluing tanks! Use #4 Comet Flux.



## Attributes

- Name: [HI-FORCE 44 SOLDER 1LB RIBBON](#)
- Manufacturer: [BROWNELLS](#)
- Product no.: 080649390
- Mfr. No.:
- Container Size: 1 lbs
- Weight: 1 lb
- Delivery weight: 0.318kg
- Shipping height: 10mm
- Shipping width: 109mm
- Shipping length: 112mm
- UPC: 050806016934

## Item details

Made in USA

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# HIFORCE 44™ SOLDER Safety Instructions

## Introduction

Thank you for choosing HIFORCE 44 SOLDER. This product is designed for safe and effective use in soldering applications. Please read this safety instruction guide carefully to ensure proper handling and usage.

## General Safety Guidelines

- Ensure safe use of the product by following all instructions provided.
- Be aware of potential hazards associated with soldering, including burns and inhalation of fumes.
- Use caution when working with hot materials and tools.
- Ensure that the product is stored in a safe place, out of reach of children and vulnerable individuals.
- Regularly check for any product recalls or safety updates through the EU Safety Gate platform.

## Specific Safety Precautions for Use

- Always wear appropriate personal protective equipment (PPE), including gloves and safety goggles.
- Ensure proper ventilation in the workspace to avoid inhalation of fumes.
- Do not use the solder near open flames or high heat sources.
- Avoid skin contact with the solder and flux; wash hands thoroughly after use.
- Keep the solder and flux away from children and unauthorized users.

## Instructions for Installation and Usage

### 1. Preparation:

- Gather all necessary materials, including HIFORCE 44 SOLDER, #4 Comet Flux, and appropriate tools.
- Ensure the work area is clean and free from flammable materials.

### 2. Soldering Process:

- Apply #4 Comet Flux to the surfaces to be joined.
- Heat the soldering area to approximately 475° F (246° C) using a soldering iron or similar tool.
- Feed the HIFORCE 44 SOLDER into the joint, allowing it to flow freely and smoothly.
- Ensure that the solder fully covers the joint for a strong bond.
- Allow the joint to cool naturally; do not disturb until fully set.

### 3. PostUse:

- Clean the work area and tools after use.
- Store any unused solder in a cool, dry place, away from direct sunlight and moisture.

## Disposal Instructions

- Dispose of any leftover solder and flux in accordance with local regulations.
- Do not dispose of the product in regular household waste.
- Check with local waste management for proper disposal methods.

## Contact Information for Further Support

For any safety inquiries or further assistance regarding HIFORCE 44 SOLDER, please refer to the EU contact point or your local regulatory authority.

Thank you for your attention to these safety instructions. Your safety is our priority.

# About Us

## Brownells Austria

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