

HI-FORCE 44™ SOLDER - BROWNELLS HI-FORCE 44 SOLDER 1/4LB RIBBON

[Gunsmith Tools](#) > [General Gunsmith Tools](#) > [Solders & Flux](#)

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: [BROWNELLS HI-FORCE 44 SOLDER 1/4LB RIBBON](#)
- Manufacturer: [BROWNELLS](#)
- Product no.: 080649325
- Mfr. No.: NONE
- Container Size: 1/4 lb
- Weight: 1/4 lb.
- Delivery weight: 0.045kg
- Shipping height: 10mm
- Shipping width: 86mm
- Shipping length: 168mm
- UPC: 050806016910

Item details

Made in USA

Table of Contents

- Startpage
- HIFORCE 44 SOLDER SAFETY INSTRUCTIONS
- About Us

HF44 SOLDER SAFETY INSTRUCTIONS

Introduction

Thank you for choosing Brownells HiForce 44 Solder. This guide provides essential safety instructions to ensure the safe use and handling of this product. Please read the entire document carefully before using the solder.

General Safety Guidelines

- Ensure safe use of the product by following all instructions.
- Always use personal protective equipment (PPE) such as gloves and safety goggles when handling solder.
- Keep the solder out of reach of children and vulnerable individuals.
- Be aware of potential hazards associated with soldering, including burns and inhalation of fumes.
- If you experience any adverse reactions or accidents, seek medical attention immediately.
- Report any unsafe products or accidents to the appropriate authorities.

Specific Safety Precautions for Use

- Use in a wellventilated area to avoid inhaling fumes generated during soldering.
- Avoid contact with skin and eyes. In case of contact, rinse with plenty of water and seek medical advice if irritation persists.
- Do not ingest the solder. It is nontoxic, but ingestion can still be harmful.
- Ensure that the soldering equipment is in good condition and properly maintained.
- Do not use the solder near flammable materials or in explosive atmospheres.
- Follow the manufacturer's instructions for the use of flux. Use #4 Comet Flux as recommended.

Instructions for Installation and Usage

1. Preparation:

- Gather all necessary tools and materials, including the solder, flux, and soldering equipment.
- Ensure your work area is clean and free of clutter.

2. Soldering Process:

- Heat the soldering iron to the appropriate temperature (approximately 475° F).
- Apply #4 Comet Flux to the surfaces to be joined.
- Feed the HiForce 44 Solder into the joint while applying heat with the soldering iron.
- Allow the solder to flow smoothly into the joint without overheating the materials.

3. PostSoldering:

- Allow the soldered joint to cool completely before handling.
- Inspect the joint for any defects or issues.
- Clean up any excess flux or solder from the work area.

Disposal Instructions

- Dispose of any leftover solder and flux according to local regulations.
- Do not dispose of solder in household waste. Check for local recycling programs or hazardous waste disposal facilities.
- Ensure that all packaging materials are disposed of responsibly.

Contact Information for Further Support

For any questions or concerns regarding the safety and use of Brownells HiForce 44 Solder, please contact your local distributor or refer to the manufacturer's website for further assistance.

Thank you for your attention to these safety instructions. Your safety and satisfaction are our top priorities.

About Us

Brownells UK

Brownells UK - World's Largest Supplier of Gun Parts, Gunsmith Tools & Shooting Accessories

Unit 1, Laughing Dog Industrial Estate
London Road
Rugby
Warwickshire
CV23 9LP

www.brownells.co.uk