

# AR-15/ 308 AR CARBON FIBER BARRELS - PROOF RESEARCH 300 AAC BLACKOUT 1-8 TWIST 16" CARBON FIBER BARREL

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Virtually impervious to weather, nicks, dings or scratches, and up to 30% lighter and 300% stiffer than equivalent weight steel AR barrels, PROOF Research's carbon fiber-wrapped barrels open up new possibilities in AR performance. These carbon fiber-wrapped barrels provide a high-end alternative to traditional barrels while still maintaining extreme accuracy, performance and durability. Match-grade accuracy Improved heat dissipation for cooler and longer lasting barrels No point-of-impact shift during high-volume fire Reduced harmonic barrel vibration More about The Science behind there process here: #ItsScience NOTE: GAS BLOCK, GAS TUBE and BOLT NOT INCLUDED 308 Winchester barrel utilizes a .875" gas block and 300 AAC a .750" gas block



## Attributes

- Name: [PROOF RESEARCH 300 AAC BLACKOUT 1-8 TWIST 16" CARBON FIBER BARREL](#)
- Manufacturer: [PROOF RESEARCH](#)
- Product no.: 100018046
- Mfr. No.: 100561
- Barrel Weight: 1.19 lbs
- Cartridge: 300 AAC Blackout
- Finish: Carbon Fiber
- Gas System Length: Carbine
- Length: 16"
- Muzzle Threads: 5/8-24
- Twist: 1-8"
- Weapon type: AR-15
- Delivery weight: 0.723kg
- Shipping height: 32mm
- Shipping width: 32mm
- Shipping length: 419mm

## Item details

Made in USA

US export classification: 0A501.c

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# Safety Instruction Guide for PROOF Research AR15/308 AR Carbon Fiber Barrels

## Introduction

Thank you for choosing the PROOF Research 300 AAC Blackout 18 Twist 16" Carbon Fiber Barrel. This guide provides essential safety instructions and guidelines to ensure the safe use and installation of your new barrel. Please read this document carefully before use.

## General Safety Guidelines

- Always ensure that the firearm is unloaded before handling the barrel.
- Use the barrel only with compatible firearms and ammunition as specified.
- Store the barrel in a safe and secure location, away from children and unauthorized users.
- Regularly inspect the barrel for any signs of damage or wear before use.
- Follow all local laws and regulations regarding firearm usage and modifications.
- If you are unsure about any aspect of the barrel's use or installation, consult a qualified gunsmith.

## Specific Safety Precautions for Use

- Ensure that the barrel is installed correctly to avoid any malfunctions.
- Always wear appropriate safety gear, including eye and ear protection, when firing.
- Use caution when firing in highvolume situations to prevent overheating.
- Be aware of your surroundings and ensure a safe shooting environment.
- Do not exceed the recommended ammunition specifications for the barrel.

## Instructions for Installation and Usage

### Installation

1. **Gather Required Tools:** Ensure you have the necessary tools, including a barrel wrench and torque wrench.
2. **Prepare the Firearm:** Ensure the firearm is unloaded and clear of ammunition.
3. **Remove the Old Barrel:** If applicable, carefully remove the existing barrel from the firearm.
4. **Install the New Barrel:**
  - Align the barrel with the receiver.
  - Securely tighten the barrel nut to the manufacturer's specifications using a torque wrench.
5. **Attach the Gas Block:** Use a .750" gas block for the 300 AAC and a .875" gas block for the .308 Winchester.
6. **Check Alignment:** Ensure that the gas port is aligned with the gas tube.
7. **Final Inspection:** Doublecheck all connections and ensure everything is secure.

### Usage

- Load your firearm in a safe and controlled environment.
- Fire the firearm according to standard safety practices.
- Monitor the barrel temperature during extended use to prevent overheating.
- Clean and maintain the barrel regularly to ensure optimal performance.

## Disposal Instructions

- Dispose of any packaging materials in accordance with local waste disposal regulations.
- If the barrel is damaged beyond repair, follow local guidelines for the disposal of firearm components.

- Do not dispose of the barrel in a manner that could pose a safety risk to others.

## **Contact Information for Further Support**

For any questions or concerns regarding the safety and performance of your PROOF Research barrel, please refer to the manufacturer's contact information provided with your product.

Thank you for your attention to these safety instructions. Your safety and the safety of others is our priority.

# About Us

## Brownells UK

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