

# AR-15/M16 DISSIPATOR BARREL 16" 5.56 1-8 - BROWNELLS 16" LIGHTWEIGHT DISSIPATOR BARREL 1-8 RIFLE LENGTH 1/2-28"

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Dissipator style barrel, rifle length gas system paired with 16 inch length. The rifle length gas system on this 16 inch 223 Wylde chambered barrel allows for a soft shooting configuration and fine tuning to your rifle build. With the longer gas system, the bolt has additional time for pressure to subside, making for a smoother unlocking and less wear on the bolt. The gas port is sized to ensure reliable function when unsuppressed, the same as the original Brownells BRN-605. This gas port also allows for fine adjustment when paired with an adjustable gas block, which is recommended if using in combination with a suppressor. The .625 gas block journal is 1.9 inches long to accommodate a variety of gas block types, including .625 GI style front sight bases. Ballistic Advantage is manufacturing these to Brownell's specifications and quality standards, ensuring you get the best barrel possible. Barrel exteriors are coated with the standard phosphate finish, which provides an excellent matte finish, and retains oil extremely well. The most important aspect of the barrel, the bore and chamber, are hard chromed, to prevent corrosion, ease cleaning and prevent long term wear. The button rifled barrels, profiled from 4150 Chrome Moly Vanadium steel, feature a 223 Wylde chamber, that allows them to accommodate 223 Remington and 5.56x45mm NATO ammunition equally well. The 1-8 twist will handle commonly available Full Metal Jacket 55gr loads, all the way up to heavier, premium 77gr bullets. All of these Lightweight Barrels have a .625 gas block journal to correspond with the overall slim profile, preventing your Carbine from becoming front heavy. 1/2-28 muzzle threads accept common muzzle devices and the M4 feedramps at the opposite end interface perfectly with M4 feedramps in your upper receiver. Have confidence in the Brownells Lightweight Carbine Barrels, backed by our original purchaser lifetime guarantee!



## Attributes

- Name: [BROWNELLS 16" LIGHTWEIGHT DISSIPATOR BARREL 1-8 RIFLE LENGTH 1/2-28"](#)
- Manufacturer: [BROWNELLS](#)
- Product no.: 430103836
- Mfr. No.: NONE
- Barrel Weight: 1.46 lbs
- Cartridge: 223 Wylde
- Contour: Lightweight
- Finish: Phosphate
- Gas System Length: Rifle
- Length: 16"
- Muzzle Threads: 1/2-28
- Twist: 1-8
- Weapon type: AR-15
- Delivery weight: 0.549kg
- Shipping height: 51mm
- Shipping width: 51mm
- Shipping length: 406mm
- UPC: 050806500471

## Item details

Made in USA

US export classification: 0A501.c

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# Safety Instruction Guide for AR15/M16 Dissipator Barrel 16" 5.56 18

## Introduction

Thank you for choosing the AR15/M16 Dissipator Barrel 16" 5.56 18 by Brownells. This guide provides essential safety instructions and guidelines for the proper use, installation, and disposal of your barrel. Please read this document carefully to ensure your safety and the longevity of your product.

## General Safety Guidelines

- Ensure that you are familiar with your firearm and its components before using this barrel.
- Always treat every firearm as if it is loaded.
- Keep firearms pointed in a safe direction at all times.
- Store firearms and ammunition securely, out of reach of children and unauthorized users.
- Use appropriate safety gear, such as eye and ear protection, when shooting.
- Regularly inspect your firearm and barrel for any signs of damage or wear.
- Follow all local laws and regulations regarding firearm ownership and usage.

## Specific Safety Precautions for Use

- Only use ammunition that is compatible with the .223 Wylde chamber.
- Avoid using reloaded or handloaded ammunition unless you are certain of its quality and safety.
- Ensure that the gas system and gas port are functioning correctly to prevent malfunctions.
- If using a suppressor, consider installing an adjustable gas block for optimal performance.
- Do not modify the barrel or any of its components without consulting a qualified gunsmith.
- Be aware of the weight distribution of your firearm; the lightweight design of this barrel helps prevent front heaviness.

## Instructions for Installation and Usage

### 1. Installation:

- Ensure that your firearm is unloaded and the safety is engaged.
- Remove the existing barrel from your firearm by following the manufacturer's instructions.
- Install the new Brownells Dissipator Barrel by reversing the removal process, ensuring all components are secured.
- Check that the muzzle threads (1/228) are properly aligned with any muzzle devices you intend to use.

### 2. Usage:

- Before firing, confirm that the barrel is correctly installed and that all components are secure.
- Use the appropriate gas block (.625) for your installation.
- When firing, maintain a proper grip and stance to control the firearm effectively.
- Monitor the performance of the barrel during use; if you notice any irregularities, cease use immediately and inspect the firearm.
- Clean the barrel regularly to maintain optimal performance and prevent corrosion.

## Disposal Instructions

- When disposing of the barrel, ensure that it is rendered unusable to prevent unauthorized use.
- Follow local regulations for the disposal of firearm components.

- If you are unsure how to dispose of the barrel safely, consult a local firearms dealer or qualified professional.

## **Contact Information for Further Support**

For any safety inquiries or concerns regarding the AR15/M16 Dissipator Barrel 16" 5.56 18, please reach out to your local firearms dealer or manufacturer support. Always ensure that you have the most current information regarding safety and recalls.

By following these guidelines, you can ensure a safe and enjoyable experience with your AR15/M16 Dissipator Barrel. Thank you for prioritizing safety and compliance with the EU General Product Safety Regulation.

# About Us

## Brownells UK

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