



Standard Specification for Air Soft Gun Barrel Blocking Devices¹

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INTRODUCTION

This standard is intended to outline basic performance requirements for barrel blocking devices. A barrel blocking device is a critical piece of safety equipment used in the sport of air soft.

Air Soft tactical games are an activity that, like all sports, has intrinsic hazards. These hazards include being hit by air soft projectiles. Protective equipment cannot eliminate all injuries but will substantially reduce their severity and frequency. A barrel blocking device is an additional safety device that, when meeting this standard and properly used, can substantially reduce the severity and frequency of injuries. Air Soft gun barrels are not all the same inside diameter, thus necessitating performance specifications for barrel blocking devices that match the barrel blocking device to a barrel diameter. This specification is written within the current state-of-the-art of air soft gun barrel and air soft barrel blocking device technology. The intent is to revise this specification whenever substantive information becomes available which justifies revising existing requirements or adding new requirements.

1. Scope

1.1 This specification covers air soft gun barrel blocking devices that may be inserted or otherwise function to prevent an airsoft projectile from leaving the muzzle or the confines of the barrel blocking device.

1.2 The values stated in SI units are to be regarded as the standard. The inch-pound units given in parentheses are provided for information only.

1.3 *This standard does not purport to address all of the safety concerns, if any, associated with its use. It is the responsibility of the user of this standard to establish appropriate safety, health, and environmental practices and determine the applicability of regulatory limitations prior to use.*

1.4 *This international standard was developed in accordance with internationally recognized principles on standardization established in the Decision on Principles for the Development of International Standards, Guides and Recommendations issued by the World Trade Organization Technical Barriers to Trade (TBT) Committee.*

¹ This specification is under the jurisdiction of ASTM Committee F08 on Sports Equipment, Playing Surfaces, and Facilities and is the direct responsibility of Subcommittee F08.27 on Airsoft.

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2. Referenced Documents

2.1 *ASTM Standards:*²

F2654 Specification for Airsoft Gun Warnings

F2679 Specification for 6 mm Projectiles Used with Airsoft Guns

F2748 Specification for Airsoft Guns

3. Terminology

3.1 *Definitions of Terms Specific to This Standard—Air Soft Gun Terms:*

3.1.1 *air soft gun, n*—a device specifically designed to discharge air soft projectiles conforming to Specifications F2654 and F2748.

3.1.1.1 *Discussion*—These devices may operate in a combination of discharge modes depending on the design.

3.1.2 *air soft projectile, n*—a spherical ball, commonly with a diameter of approximately 6 mm made of a molded polymer and designed to be expelled from an air soft gun and conforming to Specification F2679.

3.1.3 *barrel, n*—that portion of an air soft gun through which the 6 mm projectile is discharged.

² For referenced ASTM standards, visit the ASTM website, www.astm.org, or contact ASTM Customer Service at service@astm.org. For *Annual Book of ASTM Standards* volume information, refer to the standard's Document Summary page on the ASTM website.