

POC_SPEC_AR-3-CS-ME

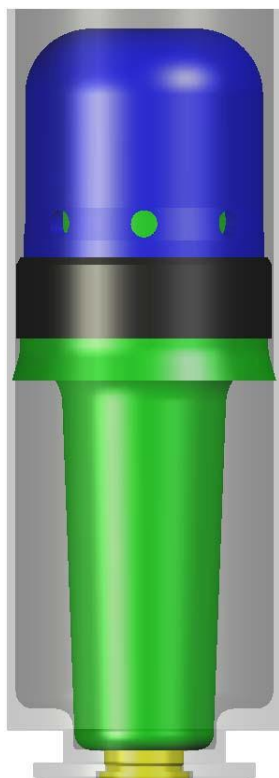
Product Specification Sheet

Revision G 2016-08-26

All specifications are average and are subject to change without notice.

AR-3-CS

ARWEN® Valve Impact Baton, CS Irritant



PHYSICAL & OPERATIONAL

➤ Model No.	AR-3-CS-ME
➤ Description	ARWEN® Valve Impact Baton, Medium Energy CS Irritant
➤ Caliber	37mm ARWEN®
➤ Cartridge Type	Rebated Cartridge Case
➤ Cartridge Material	Aluminum, Black Anodized
➤ Outside Diameter	40mm
➤ Overall Height	110mm
➤ Overall Weight	145g ± 1g
➤ Projectile Weight	78g ± 1g
➤ Projectile Color	Blue Valve Cap – Green Baton Base
➤ Net Explosive Quantity	0.61g
➤ Muzzle Velocity	74m/s (242fps) Average – ARWEN 37 Barrel
➤ Kinetic Energy at Muzzle	219j (158ft-lbf)
➤ Range	75m
➤ Compatibility	All 37mm ARWEN® Compatible Weapon Systems
➤ Irritant Agent	CS Dust (2-chlorobenzalmalononitrile) $\text{ClC}_6\text{H}_4\text{CHO} + \text{H}_2\text{C}(\text{CN})_2 \rightarrow \text{ClC}_6\text{H}_4\text{CHC}(\text{CN})_2 + \text{H}_2\text{O}$
➤ Net Irritant Agent	4 ± 1 g
➤ Waterproof	Lacquer coated primer, and sealed propellant cartridge

SHIPPING INFORMATION

➤ UN Number	UN0301
➤ Proper Shipping Name	Ammunition, Tear Producing
➤ Hazard Class	1.4G (6.1) (8)
➤ Labels Required	Explosive, 1.4G, Toxic, Corrosive
➤ Quantity Per Package	12 Cartridges (2-4 boxes in master box) 75 Cartridges in metal drum
➤ Total Package Weight	Box: 2.04kg (12 Cartridges) Drum: 13.6kg (75 cartridges)
➤ Package Type	Fiberboard Boxes or Metal Drum with Lever Lock Lid meeting UN Specifications
➤ Package Dimensions	Box: 16x24x19.5 cm (12 Cartridges) Drum 35cm x 31cm (5 gal.)
➤ US DoT Ref. No.	EX2016040328

