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POC_SPEC_AR-3-CS-RE

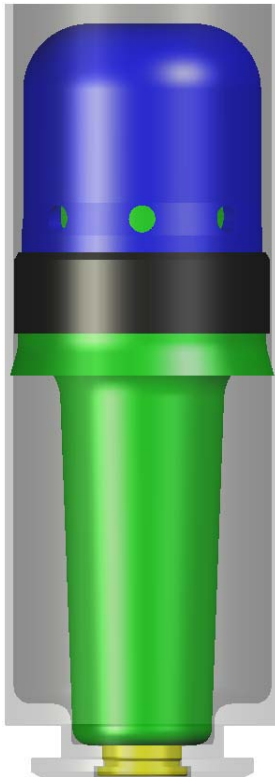
Product Specification Sheet

Revision G 2016-08-26

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

AR-3-CS-RE

ARWEN® Valve Impact Baton, Reduced Energy CS Irritant



PHYSICAL & OPERATIONAL

➤ Model No.	AR-3-CS-RE
➤ Description	ARWEN® Valve Impact Baton, Reduced 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	0.41g
➤ Muzzle Velocity	50m/s (164fps) Average – ARWEN 37 Barrel
➤ Kinetic Energy at Muzzle	100J (74ft-lbf)
➤ Range	50m
➤ Compatibility	All 37mm ARWEN® Compatible Weapon Systems
➤ Irritant Agent	CS Dust (2-chlorobenzalmalononitrile) $C_6H_4CHO + H_2C(CN)_2 \rightarrow C_6H_4CHC(CN)_2 + H_2O$
➤ 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)
➤ Total Package Weight	75 Cartridges in metal drum 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