



POLICE ORDNANCE Company Inc.

22 Riviera Drive, Markham, Ontario, Canada L3R 5M1

Tel: 905-479-2223 Fax: 905-479-8558

www.PoliceOrdnance.com email: sales@PoliceOrdnance.com



POC_SPEC_AR-3-CS-RE

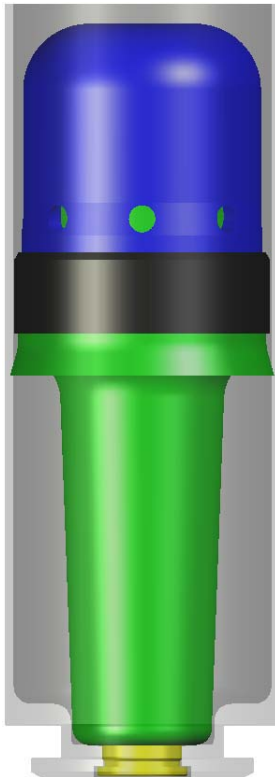
Product Specification Sheet

Revision F 2016-05-10

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)
 $CIC_6H_4CHO + H_2C(CN)_2 \rightarrow CIC_6H_4CHC(CN)_2 + H_2O$
- **Net Irritant Agent** 4 ± 1 g
- **Waterproof** Lacquer coated primer, and sealed propellant cartridge

SHIPPING INFORMATION

- **UN Number** 0301
- **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.)