



# 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-ME

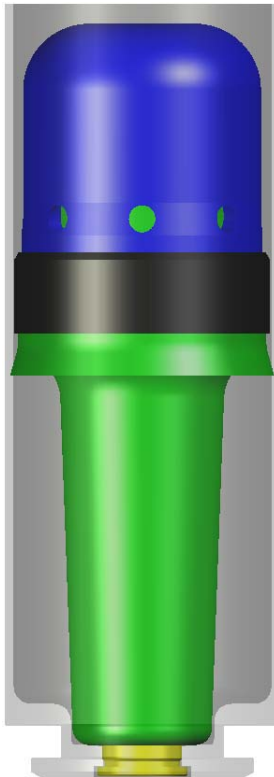
## Product Specification Sheet

Revision F 2016-05-10

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

### AR-3-CS-ME

### ARWEN® Valve Impact Baton, Medium Energy 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** 0.58g
- **Muzzle Velocity** 61m/s (200fps) Average – ARWEN 37 Barrel
- **Kinetic Energy at Muzzle** 144J (106ft-lbf)
- **Range** 75m
- **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** 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)
- **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.)