



# POLICE ORDNANCE Company Inc.

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## ARWEN® Less Lethal System

POC\_SPEC\_AR-5-CS

### Product Specification Sheet

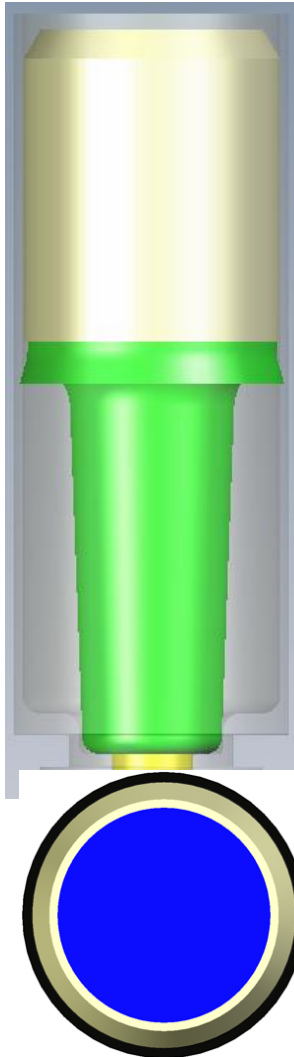
Revision Mk\_II\_2016-05-05

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

### AR-5-CS

### ARWEN® Barricade Penetrating, Standard Energy CS Irritant, Powder

#### PHYSICAL & OPERATIONAL



- **Model No.** AR-5-CS
- **Description** ARWEN® Barricade Penetrating, Standard Energy CS Irritant, Powder
- **Caliber** 37mm ARWEN®
- **Cartridge Type** Rebated Cartridge Case
- **Cartridge Material** Aluminum, Black Anodized
- **Outside Diameter** 40mm
- **Overall Height** 110mm
- **Overall Weight** 123g ±2g
- **Projectile Material** Composite Plastic with Blue Frangible Disc
- **Projectile Weight** 56g ±1g
- **Net Explosive Quantity** 1.3g
- **Muzzle Velocity** 139m/s (456 fps)
- **Range** 80m
- **Discharge Time** Instantaneous, Upon Impact
- **Irritant Agent** CS Dust (2-chlorobenzalmalononitrile)  
 $C_6H_4CHO + H_2C(CN)_2 \rightarrow C_6H_4CHC(CN)_2 + H_2O$
- **Net Irritant Agent** 6g ±1g
- **Compatibility** All 37mm ARWEN® Compatible Weapon Systems

#### 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** Box: 12 Cartridges (2-4 boxes in master box)  
Drum: 75 Cartridges
- **Total Package Weight** Box: 1.93kg (12 Cartridges)  
Drum: 11.6kg (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.)