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ARWEN® Less Lethal System

POC_SPEC_AR-2-CS

Product Specification Sheet

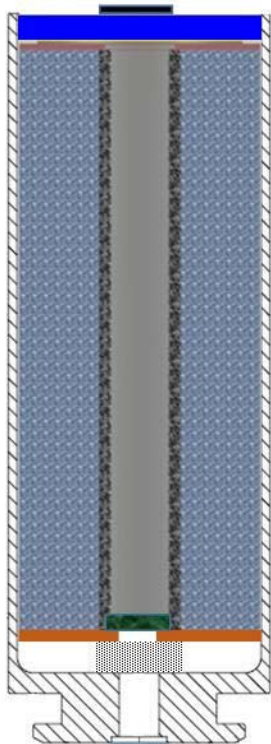
Revision Mk_II_2016-05-11

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

AR-2-CS

ARWEN® Pyrotechnic Smoke, Standard Energy CS Irritant, Smoke

PHYSICAL & OPERATIONAL



- **Model No.** AR-2-CS
- **Description** ARWEN® Pyrotechnic Smoke, Standard Energy CS Irritant, Smoke
- **Caliber** 37mm ARWEN®
- **Cartridge Type** Rebated Cartridge Case
- **Cartridge Material** Aluminum, Black Anodized
- **Outside Diameter** 40mm
- **Overall Height** 110mm
- **Overall Weight** 173g +-2g
- **Projectile Material** Aluminum Canister containing Pyrotechnic compound
- **Projectile Weight** 102g +-1g
- **Net Explosive Quantity** 2.3g
- **Muzzle Velocity**
- **Range** 50~75m depending on Barrel Angle
- **Discharge Time** 2.5 ~ 3 minuet
- **Irritant Agent** CS Smoke (2-chlorobenzalmalononitrile)
 $C_6H_4CHO + H_2C(CN)_2 \rightarrow C_6H_4CHC(CN)_2 + H_2O$
- **Net Irritant Agent** 80 ± 1g
- **Compatibility** All 37mm ARWEN® Compatible Weapon Systems

SHIPPING INFORMATION

- **UN Number** 0303
- **Proper Shipping Name** Ammunition, Smoke (Tear Producing)
- **Hazard Class** 1.4G (8)
- **Labels Required** Explosive, 1.4G, Corrosive
- **Quantity Per Package** Box: 12 Cartridges (2-4 boxes in master box)
Drum: 75 Cartridges
- **Total Package Weight** Box: 2.5kg (12 Cartridges)
Drum: 15.4kg (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.)

