

POC\_SPEC\_AR-2-CS

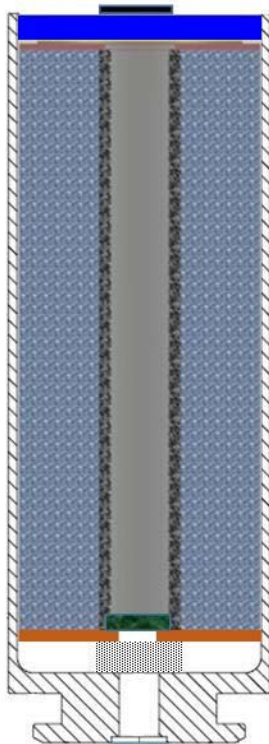
## Product Specification Sheet

Revision G 2016-10-28

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

### AR-2-CS ARWEN® Pyrotechnic Smoke, Standard Energy CS Irritant, Smoke

#### PHYSICAL & OPERATIONAL



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

#### SHIPPING INFORMATION

➤ <b>UN Number</b>	UN0301
➤ <b>Proper Shipping Name</b>	Ammunition, Tear-Producing
➤ <b>Hazard Class</b>	1.4G (6.1) (8)
➤ <b>Labels Required</b>	Explosive, 1.4G, Toxic, Corrosive
➤ <b>Quantity Per Package</b>	Box: 12 Cartridges (2-4 boxes in master box) Drum: 75 Cartridges
➤ <b>Total Package Weight</b>	Box: 2.5kg (12 Cartridges) Drum: 15.4kg (75 cartridges)
➤ <b>Package Type</b>	Fiberboard Boxes or Metal Drum with Lever Lock Lid meeting UN Specifications
➤ <b>Package Dimensions</b>	Box: 16x24x19.5 cm (12 Cartridges) Drum 35cm x 31cm (5 gal.)
➤ <b>US DoT Ref. No.</b>	EX2016040328

