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POC_SPEC_AR-3-CS-ME

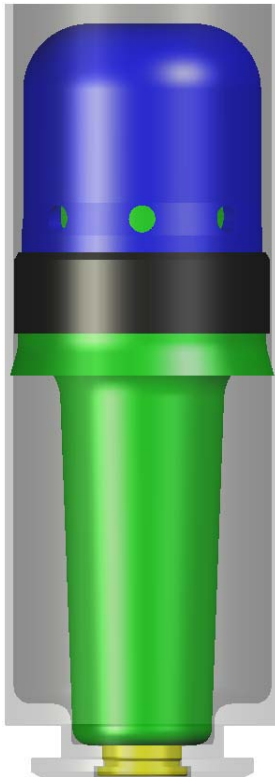
Product Specification Sheet

Revision G 2016-08-26

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

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|-----------------------------------|--|
| ➤ 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 | UN0301 |
| ➤ 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.) |
| ➤ US DoT Ref. No. | EX2016040328 |