



ARTILLERIE INRICHTINGEN
ARMAMENTS BV

CAELIX PROGRAMMABLE EFFECTS
MEDIUM-CALIBRE AMMUNITION

CAELIX

40 HV AIRBURST GRENADE

40 × 53 mm high-velocity, time-programmable airburst grenade for mini/micro UAVs and targets behind cover.

40 × 53 MM

700 M C-UAS

1,500 M LAND

TARGET-OPTIMIZED EFFECT

Prefragmented shell with >500 fragments

PRECISION PROGRAMMING

Exact time-of-detonation control



CAELIX 40 ABM | AIA-ABM-40MM-HV-MK1

HIGH-VELOCITY PROGRAMMABLE EFFECT

Artillerie Inrichtingen Armaments BV presents CAELIX 40 ABM, a 40 × 53 mm high-velocity smart grenade programmed to detonate at the intended target point after leaving the barrel.

Its prefragmented shell is optimized for mini/micro UAVs, dismounted infantry, unarmoured vehicles and threats behind cover, including trenches, bunkers, caves, buildings and corners.

245 m/s

NOMINAL MUZZLE VELOCITY

>500

PREFORMED FRAGMENTS

10 years

SHELF LIFE

● Artillerie Inrichtingen Armaments BV - Licensed manufacturing programme in the Netherlands



CAPABILITY & SPECIFICATION

CAELIX 40 ABM | 40 × 53 MM HIGH-VELOCITY AIRBURST GRENADE

KEY CAPABILITIES

- High-precision time programming
- Effective use across varied ground conditions
- Target-optimized fragmentation pattern
- Electronic self-destruct function
- High first-hit probability
- Reliable safety and arming device
- Ten-year shelf life

TECHNICAL DATA

CALIBRE / WEAPON INTERFACE

40 × 53 mm / standard automatic grenade launcher

MUZZLE

245 m/s

FRAGMENTS

>500

SHELF LIFE

10 years

EFFECT / ARMING

Electronic self-destruct; 70 m arming; 5 m kill / 15 m wound

MINI/MICRO UAV

700 m

INFANTRY / LAND

1,500 m

TARGET SET

Optimized for counter-UAS and precision effects against exposed and defilade targets.

MINI / MICRO UAV

BEHIND COVER

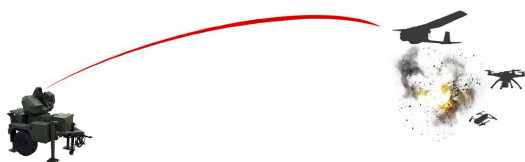
TRENCHES / BUNKERS

UNARMoured VEHICLES

DISMOUNTED INFANTRY

PLATFORM INTEGRATION

CAELIX 40 ABM is intended for compatible standard 40 mm automatic grenade launchers and suitable remote-weapon or hard-kill platforms. Final compatibility remains subject to weapon-specific integration, qualification and fire-control verification.



COUNTER-UAS EFFECT



PROGRAMMED AIRBURST SEQUENCE

Effective range: 700 m against mini/micro UAVs; 1,500 m against infantry and land targets.

Specifications subject to change. Published tolerances: ±10%.