HALCON

IMPACT FUZE

SINGULAR MISSION. SUPERIOR DETONATION.

An electro-mechanical fuze with Point Detonation mode designed for use on gravity release weapon and can be fitted on any standard mortar interface.

halcon.ae

SPECIFICATIONS

FEATURES

The fuze has only one mode of operation namely point detonation.

FUZE TYPE

An electro-mechanical fuze, designed for use on Gravity Release Weapon. This fuze will fit on any standard Mortar interface (e.g. 60mm, 80/81mm and 120mm calibers).

SAFETY

For the fuze to arm, it relies on two separate environments to unlock the mechanical arming gates:

Release consent (Umbilical Break)

Airflow (> 50m/s) Air flow measurement is done via remote measuring equipment.

OPERATIONAL LIMITS

Velocity:	50 to 400 m/s
Angle of Impact:	Vertical to 60° from horizontal
Operating Temp:	-40°C to+71°C
Storage Temp (Long Term):	-10°C to+40°C
Shelf Life:	10 Years

STANDARDS

MIL-STD-1316	Fuze Design Safety Criteria (Partial Conformance)
MIL-STD-331	Fuze and Fuze Component, Environmental and Performance Tests
MIL-STD-333	Fuze, Projectile and Accessory Contours for Large Caliber Armaments
MIL-STD-461	Requirements for the Control of Electromagnetic Interference Characteristics of Subsystems and Equipment (Partial Conformance)
MIL-STD-464	Electromagnetic Environmental Effects – Requirements for Systems (Partial Conformance)
STANAG 4187	Fuzing Systems: Safety Design Requirements (Incorporated in MIL-STD-1316)
ISO 9001:2000	Quality Management Systems

SIZE

Diameter:	68mm
Length:	92mm

MASS

275 ± 15 grams