

# *ResheFuze AR176*

## *Artillery Rocket Electronic Point Detonating Fuze*

The **AR176** is an Electronic Point Detonating fuze for artillery rocket systems that is widely compatible with all calibers.



Safe



Accurate



Reliable



Delivers Top  
Performance



Battle Proven  
Electronic Fuzes

## AR176 Artillery Rocket Electronic Point Detonating Fuze

### Compatibility

With artillery rockets having high explosive (HE) warheads;  
with calibers of 2.75", 110mm - 300mm.

### Arming

Arming of the fuze occurs only after two independent conditions are sensed:

- Set back forces for a minimum duration.
- Sustained air flow through the fuze.

### Safety

**Set-back:** Acceleration of 20g minimum for a duration of 1.2 seconds minimum.

**Air Flow:** 200m/s minimum.

**Arming distance:** 500m from muzzle, minimum.

**Safety pull wire:** There is no use of a safety pull wire.

### Power Supply

Air driven (turbine) alternator.

### Temperature Conditions

**Operation:** From -40°C to +63°C

**Storage:** From -46°C to +71°C

### Physical Description

**Overall length:** 183.5mm

**Intrusion depth:** 55.0mm

**Cross section diameter:** 64.0mm

**Standard thread size:** M45 x 2-6g

**Weight:** 0.82kg

Note: The dimensions given here are for the 122m rocket version.

### Military Standards

**MIL-STD-331:** Environmental and performance tests for fuze and fuze components.

**MIL-STD-1316:** Fuze design, safety criteria.

**STANAG 4187:** Fuzing system - safety design requirements.

### Explosive Output

**Booster pellet:** 21g of CH-6.



AR176

### About Reshef Technologies

Reshef Technologies obtains three decades of experience in the development, design and production of electronic fuzes for artillery, mortar, tanks, rockets and loitering munitions.

Reshef Technologies is the main supplier of these battle proven fuzes to the Israeli Defense Forces (IDF) - one of the world's most advanced armed forces.

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