

**AEROFINA S.A.**



**20 x 120 mm AMMUNITION -  
Frangible Armour Piercing (FAP)**

## **20 X 102 MM FRANGIBLE ARMOUR PIERCING (FAP)**

- Frangible Armour Piercing - FAP is a new type of high performance, explosive free, multipurpose ammunition certified for use with cannon type M61A1 and M621 fitted on F-16 aircraft and IAR 330 Puma helicopters.
- Each projectile has a tungsten metal sub-projectiles.
- After penetrating its target, the heavy metal pellets disintegrate into multiple fragments.

### **Characteristics:**

Nominal cartridge weight: 270g

Nominal projectile weight: 105g

Penetrator: 60g

Transport / storage UN classification: 1.4 C

Environment: No pyrochemical substances, inert projectile

### **Technical Data:**

Muzzle velocity: 1030m/s

Action time: <6ms

Frangibility: Combination of penetration and destructive effects against hard and light-armored targets

Safety: No ricochet or duds, always safe to operate (no fuze or HE filling)

Operating Temperature: -54°C to 71°C

Time of flight: 1000m distance 1,236 sec

Penetration: 25 mm steel plate at 100 m and 0°, 10 mm steel plate at 100 m under 60°

Environmentally Friendly: No pyrochemical substances in the projectile.

### **TESTING AND QUALIFICATION:**

The design is accomplished according to STANAG 3586/Edition 6 requirements.

All tests were performed according to MIL-STD-810F requirements.

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