

Avalanche Control /

EXPLOSIVE SNOW ARROW /

Our EXPLOSIVE SNOW ARROW is a projectile used in conjunction with the AVALAUNCHER system for the preventive triggering of avalanches.



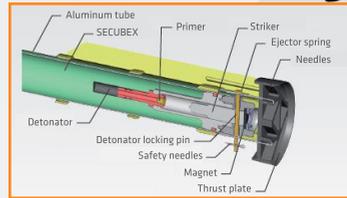
Specifications /

The EXPLOSIVE SNOW ARROW M.92 is made up of 3 parts: a tube, a nozzle and a tail comprising the priming system and a thrust plate. The 40 mm diameter tube holds the 2 liters of SECUBEX explosive.

The thrust plate provides propulsion and ensures a seal in the avalanche tube during firing. Its two needles lock the locking pin of the striker which they release when the projectile has travelled a sufficient distance. A magnet maintains the striker in the rear position while in the air.

The striker is projected onto the primer upon impact with the snow. It triggers the detonator which fires the explosive load. The explosion takes place above the snowpack.

- Total length : 180 cm
- Caliber (= diameter of the thrust plate) : 83 mm
- Inside diameter of the arrow : 40 mm
- Total mass without explosive : 1 kg
- Striker stroke : 15 mm
- Mass of the pyrotechnic chain : 2 g
- Mass of embarked Secubex explosive : 2,2 kg



Logistics /

SECUBEX S1 : UN 1993 - CLASS 3

Tariff code : 2904200010

Export requirement : AEPE

Packaging : box of 10 plastics cans



SECUBEX S2 : UN 1604 - CLASS 8 Subsidiary Risk: 3

Tariff code : 2921290090

Export requirement : AEPE

Packaging : box of 10 plastics cans



TAILS : UN 0257 - CLASS 1.4 B

Tariff code : 36049000

Export requirement : AEPE

Packaging : box x20

