



# PRODUCT INFORMATION

## BROCHURE

1.1D

# HELIX AVALANCHE



**HELIX AVALANCHE** are high-density explosives based on PETN. HELIX AVALANCHE are anti-avalanche charges designed for artificial avalanche triggering and are capable of producing high detonation pressure for optimal performance. HELIX AVALANCHE can be launched over long distances with the Avalauncher, Hand deployed or used with Wyssen tower systems.

## PRODUCT OVERVIEW

### PROPERTIES

Properties	Value
Nominal Detonation Velocity (m/s)	6,900 <sup>(1)</sup>
Water Resistance	Very good
Oil Resistance	Very good
Outer Packaging	PP copolymer plastic
Color	Red / Orange

Notes:

(1) VOD is an average reference value obtained from detonations using a detonator with 400 mg base explosive charge.

### ADVANTAGES

- Ease of use
- Excellent stability
- RECCO chip included
- Very good water resistance
- Generate high detonation pressure
- Compatible with different initiation systems

## STANDARD PACKAGING

Cardboard boxes.

	Diameter (mm)	Length (mm)	Quantity (units/box)	Net weight (kg)	Gross weight (kg)
HELIX 900 AVALANCHE	85	130	22	19.0	22.0
HELIX 1000 AVALANCHE	63	542	12	12.70	15.9
HELIX 5000 AVALANCHE	110	380	5	25.0	27.8

## USE

Austin accepts no responsibility for any loss or liability arising from the use of the product in pyritic soils or with reactive materials.

## INITIATION

Minimum detonator of 0.72 g PETN or a detonator of comparable strength.

## SHELF LIFE, STORAGE & DISPOSAL

- Shelf life: 1 year from date of manufacture under proper storage conditions.
- HELIX must be stored exclusively in magazines for High Explosives or blasting agents.
- These magazines must meet the requirements of applicable legislation.
- Disposal: According to local regulations. If in doubt, consult your supplier.

## TRANSPORT – UN CLASSIFICATION

Shipping Name: Boosters  
 Class & Division: 1.1D  
 ID Number: UN 0042

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