



# PRODUCT INFORMATION

## BROCHURE

1.1D

## HELIX BOOSTER



**HELIX Booster** are high-density explosives based on PETN. HELIX Booster produce a high detonation pressure for optimal initiation of blasting agents. HELIX Booster can be used both in open pit mining and quarries and civil works as well as in underground mining, for the initiation of blasting agents and high explosives.

## PRODUCT OVERVIEW

### PROPERTIES

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

Notes:

<sup>(1)</sup> VOD is an average reference value taken from detonations with detonator of 400 mg explosive base charge.

### BENEFITS

- Easy to use
- Excellent stability
- Very good water resistance
- Generate high detonation pressure
- Compatible with different initiation systems
- Proper ratio of booster diameter to drilling diameter

STANDARD PACKAGING

Cardboard boxes.

Product Description	Diameter (mm)	Long (mm)	Quantity (One. /box)	Weight Net box (kg)	Weight Gross box (kg)
HELIX BOOSTER 225 *	48	130	70	16.10	20.20
HELIX BOOSTER 450 *	62	130	40	17.40	20.90
HELIX BOOSTER 900 *	85	130	22	19.00	22.00

\* Can be produced with E★STAR detonator protection

USE

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

INITIATION

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

SHELF LIFE, STORAGE & DISPOSAL

- Shelf life is 1 year from the date of manufacture under suitable storage conditions.
- Boosters should be stored exclusively in High Explosive magazines (cartridge emulsions and/or boosters etc.) or blasting agents (e.g. AnFo/Hydromite).
- These magazines must meet the conditions required by current legislation.
- Disposal: According to local regulations. If you have any questions, ask the supplier.

TRANSPORT – UN CLASSIFICATION

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

Contact your local Austin Powder representative for further information.

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Our Mission is to improve the world we live in through the safe and responsible use of explosives.