

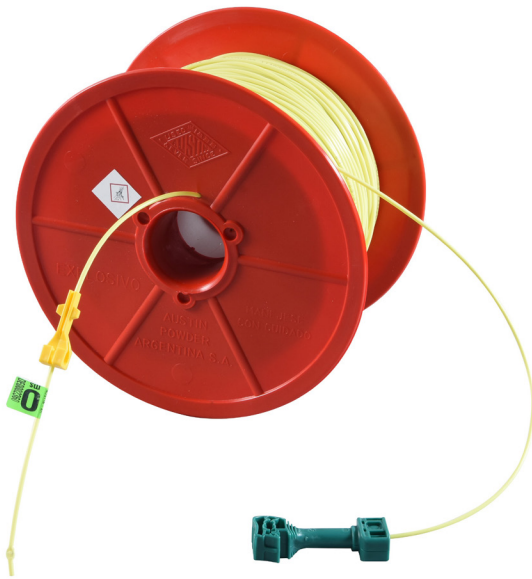


PRODUCT INFORMATION

BROCHURE

1.1B

SHOCK★STAR START LINE



Shock★Star Start Line is designed for initiation of a blast or for connecting one blast to another. This product is based on a standard Shock★Star Bunch Connector and is manufactured with a long length of Shock Tube on reel. It is designed to initiate Shock Tube or 5-gram detonating cord. Reel lengths range from 200 to 600 m and it is an instantaneous product color coded by a green connector. On request it is possible to supply this product also equipped with Shock★Star Surface connector. This product requires special working procedure; please refer to “Shock★Star Start Line working procedure”.

PRODUCT OVERVIEW

BENEFITS

- Simple and fast connection with plastic block connector.
- Shock Tube and a 5 g/m detonating cord initiation capability.
- Manufactured with yellow Shock Tube for easy visibility.
- High impact protection.

STANDARD TECHNICAL DESCRIPTION

| Detonator | |
|-----------------------------------|--|
| Detonator shell material | Aluminum |
| Base charge | 160 mg |
| Water pressure resistance | 0.3 MPa / 7 days |
| Temperature range for application | from -30°C to +60°C |
| Label Marking | Delay #, Detonator type, Delay ms, ST length, barcode and batch code (traceability), Emergency number, Product registration number (ANMaC) |
| Shock Tube | |
| Velocity of detonation | 2,000 ± 100 m/s |
| Color | Yellow |

STANDARD PACKAGING

| Length (m) | Units /box |
|------------|------------|
| 200 | 5 |
| 400 | 3 |
| 600 | 3 |

Shock★Star Start Line are packaged in cardboard carton of outer dimension 533 x 271 x 277 mm. Other lengths of Shock Tube are possible on demand.

USE

- Open pit mining
- Underground mining
- Quarries
- Civil projects

SHELF LIFE, STORAGE & DISPOSAL

- Shelf life is two years from the date of manufacture under suitable storage conditions.
- Recommended conditions: -30°C to +40°C, Relative Humidity max. 65%, in original package.
- Shock★Star Start Line must be stored in magazines for detonators. Detonators cannot be store in the same magazines as high explosives (packaged emulsions, booster, etc.) and blasting agents (ANFO). These magazines must accomplish the current legal requirements.
- Disposal: According to local regulations. If in doubt consult with the supplier.

Contact your local Austin Powder representative for further information.

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TRANSPORT – UN CLASSIFICATION

Shipping Name: DETONATOR ASSEMBLIES, NON-ELECTRIC
 Class & Division: 1.1B
 ID Number: UN 0360



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