

Shock★Star Start Line

PRODUCT INFORMATION BULLETIN

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”.



BENEFITS

- Simple and fast connection with plastic block connector.
- Shock Tube and a 5 gram 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	2000 ± 100 m/s
Color	Yellow



AUSTIN POWDER

Austin Powder Argentina S.A. | Luis Maggi 770, Rafaela, Santa Fe, 2300 Argentina
Telephone +54 3492 424 775 - apa.comercial@austinpowder.com | www.austinpowder.com

Shock★Star Start Line

PRODUCT INFORMATION BULLETIN

PACKAGING

Length (m)	Units / box	Gross weight kg	Net weight kg	Explosive weight kg
200	3	4,5	4	0,01
400	3	9	8	0,02
600	3	11	10	0,04

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.

STORAGE

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.

USE

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

SHELF LIFE

Two years from date of manufacture under good storage conditions.
Recommended conditions: -30°C to +40°C, R.H. max 65%, in original package.

DISPOSAL

According to local regulations. If in doubt consult the supplier.

TRANSPORT INFORMATION

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

Contact your local Austin Powder representative for further information.

Disclaimer of Warranties and Limitations of Liabilities

© 2020 Austin Powder Argentina S.A. All rights reserved. All information contained in this document is provided for informational purposes only and is subject to change without notice. Since the Austin Powder Argentina S.A. cannot anticipate or control the conditions under which this information and its products may be used, each user should review the information in the specific context of the intended application. To the maximum extent permitted by law, Austin Powder Argentina S.A. specifically disclaims all warranties express or implied in law, including accuracy, non-infringement, and implied warranties of merchantability or fitness for a particular purpose. Austin Powder Argentina S.A. specifically disclaims and will not be responsible whatsoever for any and all injuries (including death), losses, or damages to persons or property resulting from the use or reliance upon the information in this document.



AUSTIN POWDER

Austin Powder Argentina S.A. | Luis Maggi 770, Rafaela, Santa Fe, 2300 Argentina
Telephone +54 3492 424 775 - apa.comercial@austinpowder.com | www.austinpowder.com

