

MAXSTART Non-Electric Lead In Lines



TECHNICAL DATA SHEET – INITIATION SYSTEMS

MAXSTART Non-Electric Lead In Lines

MAXSTART non-electric lead in lines consist of a low-energy detonator, a C-connector and a length of shock tube. The low energy detonator is characterized by moderate initiating power, with no damage to the blasting network after initiation.

APPLICATION

MAXSTART non-electric lead in lines are used to initiate a non-electric blast pattern from a safe distance.

The C-connector is attached to the surface-blasting network at the designated point of initiation and the lead in line is then unwound to the designated firing point.

MAXSTART non-electric lead in lines can be connected together in order to achieve the designated safe blasting distance.

MAXSTART non-electric lead in lines are suitable for use in blasting operations, both underground and surface mining, quarry and construction projects, where there is no explosion hazard from methane.

INSTRUCTIONS FOR USE

- C-connector block is designed to initiate from one (1) to six (6) correctly connected shock tubes, in two (2) directions.
- The shock tubes must be correctly inserted into the C-connector block. Each tube is to be inserted one at a time, to a maximum of six (6) shock tubes.

PHYSICAL PROPERTIES

Authorised Shipping Name	DETONATOR ASSEMBLIES, NON-ELECTRIC, for blasting
Initiating Power	No.3 Detonator
Functional Temperature Range	40°C ~ +60°C
Water Resistance	Immersed underwater at 20m for 72 hours, will function reliably.
Oil Resistance	Immersed in #0 diesel oil at 80°C and 0.3 MPa pressure for 72 hours, will function reliably.
Pull Out Force	When pulled with 70N tensile force for one minute, all parts will remain connected.
C-Type Connector Block	Holds maximum of 6 shock tubes.
Explosive Class 1.1B	UN Number: UN 0360



STORAGE AND HANDLING

During handling and transportation, the product should be handled with great care, and should never be dropped, knocked or subjected to any impact.

MAXSTART non-electric lead in lines should always be stored away from sources of heat in a dry, cool, well-ventilated magazine that is licensed and used for detonators only. The shelf life of this product is two (2) years when stored correctly.

STANDARD PACKAGING GUIDELINES

TUBE LENGTH (M)	UNITS / CASE
60	10
300	4
500	2
600	2
700	1
800	1
900	1

MAXSTART non-electric lead in lines are packed into sealed plastic bags, which are packed into fibreboard cases. Case dimensions are 340 x 340 x 290 mm.

SAFETY

First Aid – Please refer to the Safety Data Sheet for MAXSTART non-electric lead in lines, Nitro Sibir Australia Ref. IS06.

Safety - All explosives are classified as dangerous goods and must be handled and stored with care. Misuse may result in personal injury and/or damage to property.



TDS: IS06 VERSION: 2.0 LAST UPDATED: 08/14
---- END OF TDS ----

PRODUCT DISCLAIMER: The information contained in this technical bulletin is believed to be accurate, but can not possibly cover every application or variation of conditions under which the product is used or tested. The specifications herein are based on the manufacturer's experiences, research and testing. Nitro Sibir Australia can not anticipate or control conditions under which this information and its products may be used. Each user is responsible for being aware of the details in the technical bulletin and the product applications in the specific context of the intended use. Nitro Sibir will not be responsible for damages of any nature resulting from the use or reliance upon the information. No express or implied warranties are given other than those implied as mandatory by Commonwealth, State or Territory legislation.