

MAXSTART™

Non-Electric Lead-In Line

TECHNICAL DATA



Product Description

MAXSTART™ Non-Electric Lead-In Line 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 Line is 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 is suitable for use in blasting operations, both underground and surface mining, quarry and construction projects, where there is no explosion hazard from methane.

Properties

Initiating Strength	No. 3 detonator
Temperature Range	-40°C - +60°C
Water Resistance	Immersed at 20m for 72 hours with no loss of functional reliability
Oil Resistance	Immersed in #0 diesel oil at 80 °C and 0.3MPa pressure for 72 hours with no loss of functional reliability
Tensile Strength	Tested at 70N for one minute with no loss of physical connection
C-Type Connector Block	Holds maximum of 6 shock tubes

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. It should always be stored away from sources of heat in a dry, cool, well ventilated magazine.

The shelf life of this product is two (2) years when stored correctly.

Proper Shipping Name	UN No.	Class
DETONATOR ASSEMBLIES, NON-ELECTRIC, for blasting	0360	1.1B

Packaging

Tube Length (m)	Units/Case
60	10
300	4
500	2
600	2
700	1
800	1
900	1

MAXSTART™ Non-Electric Lead-In Line is packed into sealed plastic bags which are then packed into fibreboard cartons. The dimensions of the carton are 340 x 340 x 290mm.

Safety

The 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.

First Aid - Refer to the Safety Data Sheet for **MAXSTART™** instantaneous electric detonators.

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.



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