

Exel™ Handidet™ LP

Non-Electric, Surface Delay and In-hole Detonator Assembly



Description

Exel™ Handidet™ LP non-electric, surface delay and in-hole detonator assemblies are easy-to-use components for non-electric blasting applications. Used in mine development or tunnel construction projects, Exel™ Handidet™ LP assemblies are easy to connect, easy to verify, and provide accurate surface and in-hole timing.

Benefits

- Reduces the number of components on site; allows pre-blast changes to pattern design; reduce inventory costs
- Provides excellent blast control
- Allows easy hookup - increase productivity
- Reduces chance of ground movement cutoff failures
- Can be used in all weather conditions
- Does not tangle - no waste
- Reduces operating costs

Features

- Surface and in-hole delays in one unit
- Accurately timed
- Quick and simple to connect
- Highly visible
- Rugged, with abrasion resistant tubing
- Resistant to hot or cold conditions
- Easy to handle in figure-eight coils

Properties

In-hole Detonator	High Strength, 12 grain (780 mg) PETN base charge (USBM 8+)
Surface Delay Initiator	Low Shrapnel
Connector Block	5 tube capacity, color coded blue and indelibly printed with length and delays
Exel™ Shock Tube	Bright yellow color

Delay Times	
Surface / In-hole	Connector block color
300/7000 ms	Blue

Handling and Initiation

Keep the shock tube taut until loading has been completed. Avoid damage to the shock tube during loading. Never pull so hard as to stretch or break shock tubing. A premature detonation may result.

Exel™ Handidet™ LP detonator assemblies are unidirectional. They can be initiated by:

- The surface initiator from another Exel™ Handidet™ LP
- An Orica electronic Detonator
- An Orica shock tube surface delay system

Note: The surface connector block of the Exel™ Handidet™ LP assembly contains an explosive device that can be initiated by heat, impact or friction. **The surface connector is not designed to initiate detonating cord.**

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Packaging

Exel™ Handidet™ LP detonator assemblies are wound in figure-eight coils. Assemblies are bulk packed in fiberboard cases.

Length (approx)		Quantity Per Case
Meters	Feet	
4	12	100
5	16	100
6	20	80
7	23	75

Other lengths may be available by special arrangement.

Storage.

For best results, store under moderate temperatures and dry conditions in a well ventilated, approved detonator magazine.

Hazardous Materials Shipping Description

Detonator Assemblies, Non-electric,
Class and Division 1.1B,
UN 0360, PG II

Trademarks

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Emergency Contact Telephone Numbers

For chemical emergencies (24 hour) involving transportation, spill, leak, release, fire or accidents:

Canada: Orica Canada emergency response **1-877-561-3636**

USA: Chemtrec **1-800-424-9300**

For lost, stolen or misplaced explosives:

USA: BATFE **1-800-800-3855**. Form ATF F5400.0 must be completed and local authorities (state / municipal police, etc) must be advised.

