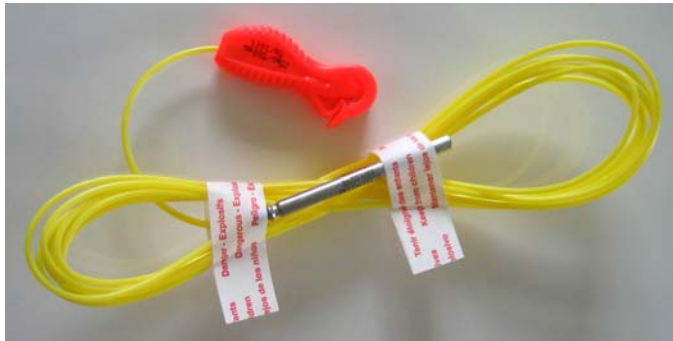


Exel™ Handidet™

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



Description

Exel™ Handidet™ non-electric, surface delay and in-hole detonator assemblies are easy-to-use components in non-electric sequential blasting applications. Used in pipeline and utility trenching, quarries, open pits and construction projects, *Exel™ Handidet™* 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
- Reduces inventory
- Provides excellent blast control
- Allows easy hookup - increase productivity
- Facilitates rapid hookup verification
- Reduces chance of ground movement cutoff failures
- Can be used in all weather conditions
- No tangles, no waste
- Reduces operating costs

Features

- Surface and in-hole delays in one unit
- New lower energy design
- Accurately timed
- Quick and simple to connect
- Highly visible **6 tube** ergonomic connector design
- Highly visible
- Rugged, with new 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	New Low Shrapnel
Connector Block	6 tube capacity, color coded by surface delay time, indelibly printed with length and delays
Exel™ Shock Tube	Bright yellow color

Delay Nominal Times	
Surface/In-hole (ms)	Connector block color
17/500	Yellow
25/475	Orange
# 25/500	Orange
42/475	White
42/500	White
42/700	White
# Standard short delay combination	

Other delays may be available by special arrangements.

Handling and Initiation

Do not use the *Exel™ Handidet™* assembly as a lowering line. Keep the shock tube taut until loading has been completed. Avoid damage to the shock tube during loading and stemming operations.

Never pull so hard as to stretch or break shock tubing. A premature detonation may result.

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

- The surface initiator from another *Exel™ Handidet™*
- An Orica electronic detonator
- An electric detonator
- An Orica shock tube surface delay system

Exel™ Handidet™

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

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

Packaging

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

Length (approx)		Quantity per Case	
Meters	Feet	1.1B	1.4B
4	12	100	90
5	16	100	90
7	23	75	70
8	26	75	70
9	30	65	60
12	40	50	50
15	50	45	45
18	60	40	30
25	80	25	25
30	100	25	25
37	120	20	20

Other lengths may be available by special arrangements. Some length/delay combinations may not be available.

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

Class and Division 1.4B
UN 0361, PGII

Trademarks

The word Orica, the Ring device and the Orica mark are trademarks of Orica Group Companies. Exel™, and Handidet™ are trademarks of Orica Explosives Technology Pty

Ltd. ACN 075 659 353, 1 Nicholson Street, East Melbourne, VIC, Australia.

Disclaimer

The information contained herein is based on experience and is believed to be accurate and up to date as at the date of its preparation. However, uses and conditions of use are not within the manufacturer's control and users should determine the suitability of such products and methods of use for their purposes. Neither the manufacturer nor the seller makes any warranty of any kind, express or implied, statutory or otherwise, except that the products described herein shall conform to the manufacturer's or seller's specifications. The manufacturer and the seller expressly disclaim all other warranties, INCLUDING, WITHOUT LIMITATION, WARRANTIES CONCERNING MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Under no circumstances shall the manufacturer or the seller be liable for indirect, special, consequential, or incidental damages including, without limitation, damages for lost or anticipated profits.

Orica Canada Inc.
301 Hotel De Ville
Brownsburg, QC J8G 3B5
Tel: +1 303 268 5000
Fax: +1 303 268 5250

Orica USA Inc.
33101 East Quincy Ave
Watkins, CO 80137
Tel: +1 303 268 5000
Fax: +1 303 268 5250

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.

