Technical Data Sheet

Nexa™ Combidet™

The Power of Partnership

Description

Nexa™ Combidet™ 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, *Nexa™ Combidet*™ assemblies are easy to connect, easy to verify, and provide accurate surface and in-hole timing.

Benefits

- Reduce the number of components on site
- Allow pre-blast changes to pattern design
- Reduce inventory
- Provide excellent blast control
- Allow easy hook-up - increase productivity
- Facilitate rapid hook-up verification
- Reduce chance of ground movement cut-off failures
- Can be used in all weather conditions
- No tangles, no waste
- Reduce 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

Technical Properties

In-hole Detonator	No 8
Surface Delay Initiator	New Low Shrapnel
Connector Block	6 tube capacity, colour coded by surface delay time, indelibly printed with length and delays
Nexa™ Shock Tube	Bright yellow colour

Delay Times	
Surface / In-hole (ms)	**Connector block colour**
17/350	Yellow
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.

Recommendations for Use

Do not use the *Nexa™ Combidet*™ 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.

Nexa™ Combidet™ detonator assemblies are unidirectional.

They can be initiated by:

- The surface initiator from another *Nexa™ Combidet*™
- Electric detonator No 8 strength
- An Orica shock tube surface starter

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Packaging

Nexa™ Combidet™ detonator assemblies are wound in figure-eight coils. Assemblies are bulk packed in fibreboard cases.

Tube Length (m)	Qty per case (1.1B) B Pack	Qty per case (1.1B) A Pack
9	65	130
12	50	100
15	45	90
18	40	80
21	40	80
25	25	50
30	25	50
37	20	40

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

Storage and Handling

Product Classification

Authorised Name:	*Nexa™ Combidet*™
Proper Shipping Name:	Detonator assemblies, non-electric
UN No:	0360
Classification:	1.1B

Nexa™ Combidet™ should be stored in a cool, dry detonator magazine licensed for explosives products. Stacks of cases should be no more than 2 metres high.
Nexa™ Combidet™ should be used within 3 months of opening the inner bag. Batches of detonators more than 2 years old should not be used.

Safety

Nexa™ Combidet™ detonators provide a high level of safety against initiation by static electricity, stray electrical currents and radio frequency transmissions. However, sensitive explosives are components of *Nexa™ Combidet*™ detonators. Care should be taken not to cause initiation by intense impact, friction or heat. *Nexa™ Combidet*™ detonators may be used in temperatures up to 50 ℃. *Nexa*™ Starter detonators are supplied in Class 1.1B packaging and have UN Number 0360.

Trademarks

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