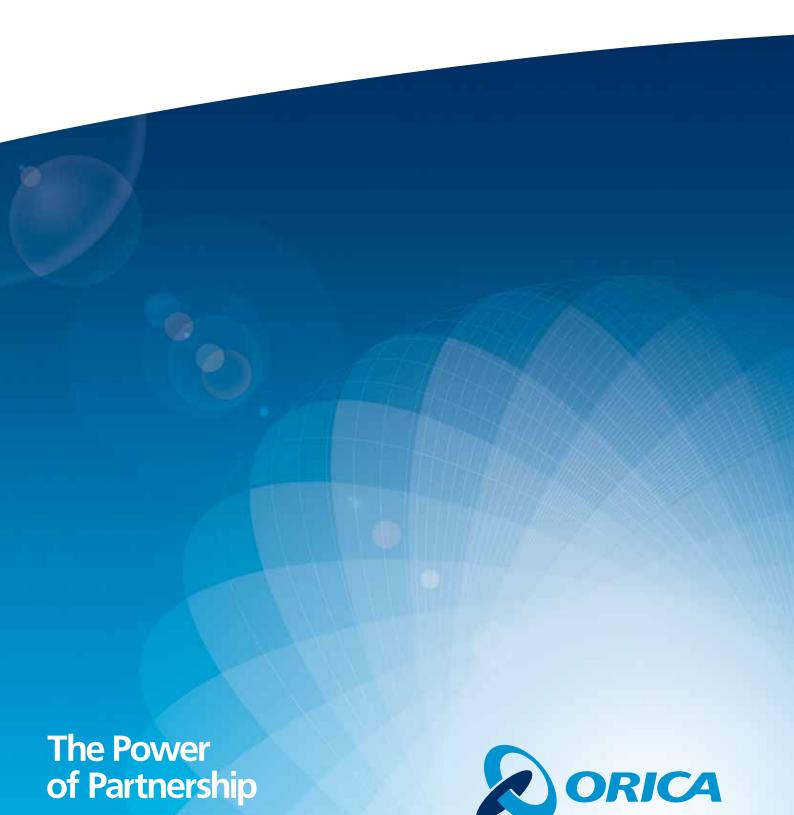


High strength non-electric detonators







Exel[™] high strength non-electric detonators provide strict control for initiating blasts with products tailored to meet the needs of individual mining applications. The Exel[™] range is synonymous with the safety, innovation and excellence of the best non-electric blasting technologies in the world. All products from the Exel[™] range are suitable for use with Orica Pentex[™] boosters and packaged explosives.

Product	Application
Exel TM MS	For use in surface and underground applications where millisecond timing is required
Exel TM LP	For long delay timing in underground production and development blasting
Exel [™] U Det	A range of downhole surface detonators used with surface connectors designed to simplify surface hook ups
Exel [™] Lead in Line	For non-electric initiation of blasts
Exel [™] Handidet [™] SL	For reliable sequencing of development rounds. The in-hole detonator will directly initiate cap sensitive boosters and packaged explosives
Exel [™] Connectadet [™] SL	For hole-by-hole initiation sequences in blasting situations where a constant inter-hole delay is required
Exel TM Starter	For simple connection to Exel™ Connectadet™ SL surface connectors in quarry, open cut and underground applications
Exel [™] B Connector	For underground bunch tie up of Exel [™] detonators

Benefits

- Exel[™] detonators with a high variety of times that allow having a series of combinations to optimise the blasting
- Detonators that can be utilised in surface and underground mining, quarrying and construction applications
- Provide a high level of safety against initiation by static electricity, stray electrical currents and radio frequency transmissions
- Variety of available lengths ensures tidy efficient blast layout
- Feature tangle free, easy to deploy winding formats
- Incorporate high strength, high abrasion resistant tubing to reliably transmit the initiation signal to the detonator
- Colour coded connectors and signal tube allow rapid identification even after deployment on the blast.

- The packaging provides protection to the deterioration by age and provides useful life of up to 2 years under normal storaging conditions
- Low packaging weight facilitates manual handling and stacking in magazines

For further Technical information please refer to the Orica Mining Services Exel™ Technical Data Sheets, now available on the Orica Mining Services website, www.oricaminingservices.com or through your local Orica contact.

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