



ExelTM

High strength
non-electric
detonators

The Power
of Partnership





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 Orca Pentex™ boosters and packaged explosives.

Product	Application
Exel™ MS	For use in surface and underground applications where millisecond timing is required
Exel™ 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™ 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 result
- 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 storing conditions
- Low packaging weight facilitates manual handling and stacking in magazines

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

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