

Description

Exel™ B Connectors are quick-connection units that can initiate 5 to 20 Exel™ tubes at the same time. The standard Exel™ B Connector consists of a SL0 connector block (green) that contains a mini-detonator with no delay element. A loop of detonating cord, dimensioned to initiate a bunch of Exel™ tubes, is connected to the SL0 connector block. Several bunches of Exel™ tubes can be initiated at the same time.

Application

Exel™ B Connectors are suitable for underground operations. Exel™ B Connectors will directly initiate bunches of Exel™ LP detonators. Refer to the relevant Technical Data Sheets for details.

Technical Properties

Signal tube	Pink Exel™
Outer diameter	3 mm
Nominal tensile strength	25 kg (+20 °C / 2 min)
Length	6 m
Detonator Base Charge	#6 Strength

Recommendations for Use

Initiation with bunch connectors



The bunch connector is only intended for use freely hanging on the tunnel face.

At least 5 and a maximum of 20 Exel™ tubes are collected into a bunch.

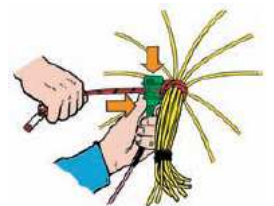
The bunch is taped approx. 50 cm from the front.



The bunch is passed through the loop of 5 g/m detonating cord. A SnapLine 0 is fitted to the loop and slid towards the bunch.

Place the bunch connector approx. 10 cm from the tape.

- 1 - Press the SL block towards the Exel™ bunch.
- 2 - Lock the bunch connector by pressing the lid to locking position.



Connect the bunch connectors in and pull the bunch connectors from the face. No bunch connector or part of the detonating cord loop should be closer to an adjacent Exel™ tube than 20 cm.

Packaging

Exel™ B Connectors are packed into sealed "barrier bags" inside cardboard cases.

Tube length (m)	Qty per bag (1.1B)	Qty per box (1.1B)
6	10	60

Delays other than SL0 (17, 25, 42, 67, 109, 176 ms) and 1.4S packaging is available to special order.

Storage and Handling

Product Classification

Authorised Name: *Exel™ B Connector*
 Proper Shipping Name: Detonator assemblies, non-electric
 UN No: 0360, 0500
 Classification: 1.1B, 1.4S
 EC Type Certificate: ENB/D/009/08

Exel™ B Connectors should be stored in a cool, dry detonator magazine licensed for explosives. Stacks of cases should be no more than 2 metres high. Exel™ B Connectors should be used within 3 months of opening the sealed "barrier bag". Batches of detonators more than 2 years old should not be used.

Safety

Exel™ B Connectors provide a high level of safety against initiation by static electricity, stray electrical currents and radio frequency transmissions. Exel™ B Connectors incorporate sensitive components inside the detonator and a loop of detonating cord. Care should be taken not to cause initiation via impact, friction or heat. Exel™ B Connectors may be used in temperatures up to 50 °C. Exel™ B Connectors are supplied in Class 1.1B and 1.4S packaging and have UN Number 0360 and 0500.

Trademarks

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