

VIPERDET™ Trunkline

Shock tube with short-period non-electric detonator



PRODUCT DESCRIPTION

VIPERDET™ Trunkline assemblies consist of a specific length of shock tube with a millisecond delay detonator crimped to the one end and closed at the other end by means of an ultra-sonic seal. A label marked with the specific delay is attached to the shock tube within 10 cm from the seal. Colour coded labels are used to distinguish different delay assemblies from each other. A colour coded connector clip is attached to the detonator for easy connection to other shock tube assemblies. The connector can hold between 1 and 6 shock tubes and is designed to ensure easy connection, reliable initiation, while minimising shrapnel damage to the shock-tube.

PRODUCT FEATURES

APPLICATION

Surface mining – provides accurate delay sequence for surface connections

FEATURES

- Detonator strength – No. 3
- Detonator shell – aluminium alloy
- Shock tube – double extruded, green in colour
- Shock tube strength – resistant to abrasion and fully functional in hot and cold temperatures
- Delay timing – nominal delay timing of 17 ms, 25 ms, 42 ms, and 67 ms
- Connector – colour coded to identify respective delay timing

RECOMMENDATIONS

- Shelf life – 36 months. Stored in original packaging and under dry conditions in a ventilated approved magazine
- First aid – refer to Safety Data Sheet for first aid information
- Safety – all explosives are classified as dangerous goods and can cause damage to property, personal harm or death if not used correctly
- Transportation and storage – all explosives must be transported in accordance with relevant regulations and must be stored in cool, dry, well ventilated magazine

UN CLASSIFICATION (TRANSPORT)

- Class 1.1B, UN No. 0360, DETONATOR ASSEMBLIES NON-ELECTRIC

PACKAGING

Units are placed in plastic inner packaging that is heat sealed and packed in boxes.

Length	Units/box
2 m	400
4 m	300
6 m	200
8 m	180
10 m	150

Other lengths available on request.

PRODUCT RISK PROFILE

- Classified as hazardous substance, dangerous goods with mass explosion hazard
- Stable under normal storage conditions
- Severe detonation hazard when exposed to heat
- Detonation can occur from impact, friction and excessive heating
- May emit toxic fumes on thermal decomposition
- DO NOT ATTEMPT TO FIGHT AN EXPLOSIVES FIRE