

## VIPERDET™ LP

Shock tube with a high strength delay detonator for tunnelling

### PRODUCT DESCRIPTION

VIPERDET™ LP assemblies consist of a specific length of green shock tube with a high strength delay detonator crimped to the one end and closed at the other end by means of an ultra-sonic seal. A detonating cord connector clip is attached to the sealed end, with a marked colour label indicating the delay number. LP detonators can be initiated by a single strand of detonating cord with a loading strength from 3.6 g/m to 8 g/m. Colour coded labels are used to distinguish different delay periods.

## PRODUCT FEATURES

### APPLICATION

VIPERDET™ LP series are designed to provide reliable initiation. These detonators are used in underground and surface mining applications

### FEATURES

- Detonator strength – No. 8
- Shock tube – green colour, double extruded polyethylene
- Shock tube strength – resistant to abrasion and fully functional in hot and cold temperatures
- Delay timing – twenty different delay periods with no overlapping between adjacent delay numbers
- Connector – J-hook

### 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 magazines

### UN CLASSIFICATION (TRANSPORT)

- Class 1.1 B, 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
2.1 m	400
2.4 m	350
3.0 m	350
3.6 m	300
4.2 m	250
4.8 m	250

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