

# VIPERDET™ SD

Shock tube with two detonators



## PRODUCT DESCRIPTION

VIPERDET™ SD assemblies consist of a specific length of green shock tube with a high strength delay detonator crimped to the one end and a low strength delay detonator crimped to the other end. A connector clip is attached to the low strength detonator, namely the surface detonator for easy connection to other shock tube assemblies. The connector can hold between 1 and 4 shock tubes and is designed to ensure reliable initiation, while minimising shrapnel damage to the shock-tube.

## PRODUCT FEATURES

### APPLICATION

VIPERDET™ SD series are designed to provide reliable sequential initiation of explosives charges in underground narrow reef stopping applications

### FEATURES

- Detonator strength – Low strength No. 3 surface detonator, No. 8 in-hole detonator
- Shock tube – extruded polyethylene exterior over surlyn inner with min 19 kg tensile strength
- Water resistance – will function underwater if tube not damaged
- Delay timing – two different delay timings (out hole 200 ms, in hole 3800 ms)
- Connector – T-clip ratchet connector

### 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 1.1B, 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
2.1 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