

DESCRIPTION

Daveydet® Electric Detonators are rated as 8* Strength. These detonators contain a sleeved fusehead, a priming composition and a PETN base charge inside a cylindrical aluminium alloy shell. A pair of copper lead-wires, covered by PVC insulation, are soldered to the fusehead and crimped into the detonator shell with a PVC closure plug. One of the lead-wires has a delay label "0" attached. The lead-wires are kept shorted by a twisted section, at a bared area, near the free ends.

Daveydet® Electric Detonators are distributed as Instantaneous II Detonators in New Zealand and Australia by Global Seismic Solutions

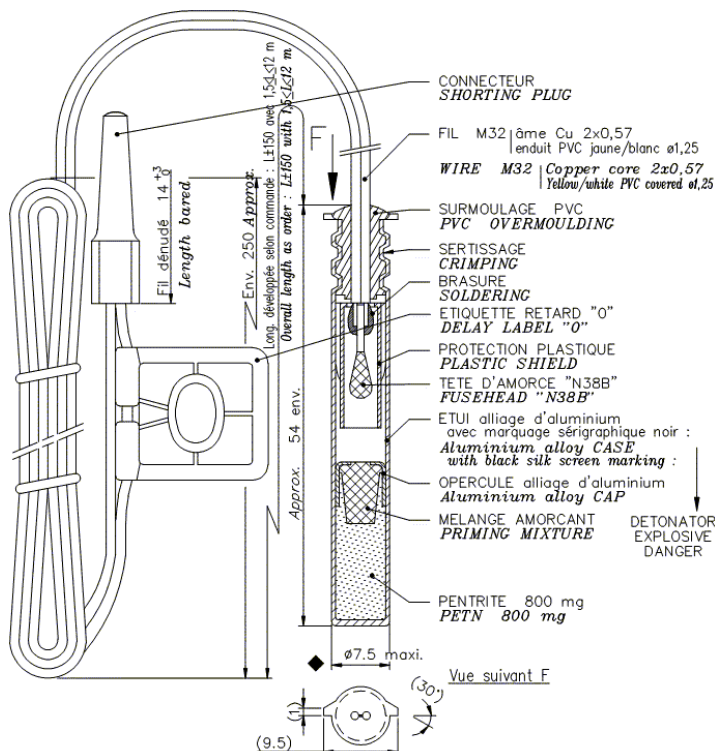
SAFETY FEATURES

Daveydet® Electric Detonators incorporate a plastic shield around the fusehead to minimise the possibility of static discharge between the fusehead and the detonator shell.

Daveydet® Electric Detonators are supplied in tight coils with the ends of the lead-wires shorted. This configuration safeguards against accidental initiation by stray currents or radio frequency transmissions.

Note that Daveydet® Electric Detonators WILL initiate if the lead-wires touch the aerial of a radio transmitter (including mobile telephones). Normal blasting procedures must ensure that radio transmitters are not allowed near electric detonators.

Daveydet® Electric Detonators are supplied in Class 1.4S (UN0456) packaging.



APPLICATION

Daveydet® Electric Detonators provide effective initiation for general purpose blasting, pipeline and utility trenching and construction operations.

Daveydet® Electric Detonators can be used in wet conditions if adequate precautions are taken to insulate the lead-wire connections.

TECHNICAL PROPERTIES

DETONATOR

Shell:	Aluminium Alloy
Base Charge:	800 mg PETN
Fusehead characteristics:	Low Intensity N38 B
Fusehead resistance:	0.9 Ohms
No fire current (I_0):	0.3 A
All fire current (I_1):	0.55 A
Min. fire energy (W_1):	4.1mJ/Ω
ESD resistance between:	
Short circuited leadwires and shell:	11kV with 500 pF
One leadwire and shell:	8kV with 500 pF
Two ends of detonator leadwires:	8kV with 500 pF

LEAD-WIRES

Length:	3.6 m
Conductor:	copper
Diameter:	0.57mm
Insulation:	PVC
Resistance:	0.13 ohm/m
Colour:	Yellow / White

RECOMMENDATIONS FOR USE

Daveydet® Electric Detonators incorporate sensitive elements within the detonator. These elements can be initiated by heavy impact, friction or intense heat. Detonators should only be used by personnel who have been properly trained in safe and correct handling procedures.

Daveydet® Electric Detonators should be connected using an Egerton, or similar, connector or by twisting in the approved manner. Care should be taken to keep all connections well insulated to avoid earth leakage or shorting. Circuits should be tested with an approved ohmmeter for resistance and continuity before connecting to an exploder.

PACKAGING

Daveydet® Electric Detonators are packed in UN certified cardboard cases. A case contains a total of 320 detonators. Within each case are 8 boxes each containing 40 detonators. A case has dimensions 430mm x 400mm x 320mm and weighs 14.5 kg gross.

STORAGE AND HANDLING

Daveydet® Electric ®Detonators should be stored in a cool, dry, ventilated magazine licensed for Class 1.1B products.

DISCLAIMER

The indications and recommendations contained in this document are based on manufacturer's research and tests to this date. The manufacturer cannot anticipate all of the possible applications for its products. Therefore, the products described hereby are sold under the only warranty to be in conformity with the specifications stated in this document and to be in compliance with the agreements granted by the French Ministry of Industry.