

Supreme

Aluminium Elemented Detonator



Description & Application

SUPREME ELEMENTED DET series are aluminium delay detonators meant to be used after assembling with shock tube of required length along with a rubber sleeve. There are basically four types of Elemented detonators, namely Type A, Type B, Type C & Type D. The first two i.e. Type A & Type B are meant for use as surface trunkline. Whilst Type C & Type D are to be used for down the hole applications.

Detonators belonging to Type A and Type B consist of low energy millisecond delay detonator housed in plastic connector block. They are designed to provide surface delay in a non electric blast pattern in Quarries, Surface coal mines, Open pit mines and Construction projects. They are used in conjunction with detonating cord downlines or other non electric delay systems to provide flexibility in blast design and ease of use.

Detonators belonging to Type B, Type C & Type D provide short delay & long delay non electric initiation system to be used in conjunction with detonating cord trunk lines or other non electric delay systems to provide flexibility in blast design and ease of use.

Advantages

- Ready to use for manufacturing of Non Electric Detonators
- Avoid investment in manufacturing facilities of filled shells
- Reduce inventory.
- Reduce operating cost.
- Can be used in all weather conditions.

Packing

100 nos. of Elemented Detonators are packed in a cardboard carton & 3 such cartons are vacuum sealed in a polythene liner. 4 such vacuum sealed packets (1200 nos. in DTH) & 8 vacuum sealed packets (2400 nos. in STL) are packed in a cardboard case with inner pads from all sides.



Storage

For the best results, store under moderate temperatures and dry conditions in a well ventilated, approved detonator magazine. Stacks of cases should be no more than 2 meters high. Should be used immediately after opening vacuum seal of liners.

Shelf Life

If stored in a cool, dry, well ventilated magazine and handled properly, the shelf life of Elemented Detonator is Two years from the date of manufacture.

Shipping Information :

Authorised Name of Explosive	: ELEMENTED DETONATORS
Proper Shipping Name	: DETONATORS, ELECTRIC for Blasting
Class / Div.	: 1.1B
UN No.	: 0029



Safety • Quality • Reliability

Technical Data Sheet

Supreme

Aluminium Elemented Detonator



Technical Specifications

PRODUCT	TYPE A	TYPE B	TYPE C	TYPE D
Material of construction of shell	Aluminium	Aluminium	Aluminium	Aluminium
Usage	As Surface Trunk Line (STL)	As Surface Trunk Line (STL)	For Down The Hole (DTH)	For Long Period Delay Series (LPD Series)
Detonator strength	Primary Charge Only	very low PETN	No. 08	No. 08
Identification mark on Shell	'E' Mark at the bottom	'E' Mark at the bottom	Danger Explosives EEL	Danger Explosives EEL
Delay Timing, ms	17 25 42 65 100 200	17 25 42 65 100 200	200 250 300 400 450 500 600	100 1000 4000 200 1200 4500 300 1400 5000 400 1600 5500 500 1800 6000 600 2000 6500 700 2500 7000 800 3000 7500 900 3500
Method of Use	Elemented dets are to be crimped with a shock tube of required length along with a rubber sleeve	Elemented dets are to be crimped with a shock tube of required length along with a rubber sleeve	Elemented dets are to be crimped with a shock tube of required length along with a rubber sleeve	Elemented dets are to be crimped with a shock tube of required length along with a rubber sleeve
Packing	100 nos of Elemented Detonators are packed in a cardboard carton & 3 such cartons are vacuum sealed in polythene liner, 8 such vacuum sealed packets (2400 Nos) are packed in a fibreboard case with inner pads from all sides.		100 nos of Elemented Detonators are packed in a cardboard carton & 3 such cartons are vacuum sealed in polythene liner, 4 such vacuum sealed packets (1200 Nos) are packed in a fibreboard case with inner pads from all sides.	

Disclaimer

Use of these products by anyone who lacks adequate training, experience & supervision may kill or injure. It is expressly understood that any technical advice furnished by EEL with reference to the use of its Products is given gratis & EEL assumes no obligation or liability for the advice given or results obtained, & all such advice being given is accepted at Customer's risk.

EEL makes no warranty of any kind, written or oral, express or implied, except that the Products shall meet EEL's standard specifications for such Products. Customer shall assume all risk and liability for results obtained by the use of such Products whether used singly or in combination with other products. Under no circumstances shall EEL or any of its subsidiaries be liable for special, consequential or incidental damages or for anticipated loss of profits.

Any dispute arising out of above information shall be dealt in accordance with the laws of Republic of India and subject to jurisdiction of Courts at Nagpur, India.

*Images are just for reference and can be changed without any intimations

Economic Explosives Limited

911, Zade Layout, Bharat Nagar, Nagpur - 440033, India

+91 7122561000 +91 7122560202

solar@solargroup.com