

Supreme Det S

NON ELECTRIC SURFACE DETONATOR



Description & Application

SUPREME DET-S Surface Detonator is a non-electric surface delay unit consisting of low energy millisecond delay detonator housed in plastic connector block.

SUPREME DET-S Surface Detonator is designed to provide surface delay in a non-electric blast pattern in quarries, surface coal operations, open pit mines and construction projects. These are used in conjunction with detonating cord down lines or other non-electric delay systems to provide flexibility in blast design and ease of use.

The SUPREME DET-S Surface Detonator is developed to be used in a wide range of temperature conditions.

Advantages

- Eliminate need for detonating cord trunk lines.
- Provide excellent, flexible blast control.
- Allows easy connection even with gloves.
- Easy and Quick Blast plan modifications.
- Facilitates rapid hook up verification.
- Rugged and heavy duty abrasion resistant tubing.
- Low Noise and controls ground vibrations.

Technical Properties

PRODUCT	SUPREME DET-S Surface Detonator (STL)
MOC of shell	Aluminium
Detonator strength	Not applicable
Delay Timing, ms#	17, 25, 42, 67, 100, 200
Length of the shock tube	As per customers requirement
VOD, (mtr/second)	2000 ± 200
Tensile strength	30 kgf (min)
Identification mark	Delay timing and length stickers tagged with each shock tube and Supreme Det-S Surface Detonator hooks have different colours for different delays. Company name is embossed on Block connector.
Water Resistance	Excellent
Packing	Depending on length, No.of Detonators are packed in anti-static Poly bags and kept in approved fibre board boxes. A barcode sticker having details such as shock tube length, type and delay Numbers/Time is pasted on the boxes.

Specific delay period also available on request.

- These specifications can be changed without any notice / intimation to buyer.

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Initiation & Handling

SUPREME DET-S Surface Detonator assemblies are uni-directional. These can be used with Detonating Cord, another Surface Delay System.

SUPREME DET-S Surface Detonator is not designed to initiate shock tube and detonating cord in the same block at the same time.

Packing

SUPREME DET-S Surface Detonator assemblies are wound in regular coils and packed in anti static poly bags. These are packed in Fibre Board Boxes.

Length (in Mtrs)	No. Per Polybag	Qty. Per Box
2	20	360
4	10	260
5	10	220
6	10	180
9	10	140
12	5	110

- Specific lengths and Delay Timings can be made available on request.

Storage

For the best results, store under moderate temperatures and dry conditions in a well ventilated, approved detonator magazine.

Shelf Life

If stored in cool, dry, well ventilated magazine and handled properly, the maximum shelf life of SUPREME DET-S Surface Detonator is 2 years from the date of manufacture.

Shipping Information :

Authorised Name	: Supreme Det S
Shipping Name	: DETONATOR ASSEMBLIES, NON - ELECTRIC for blasting
UN No.	: 0360
Class / Div	: 1.1B

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.

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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.

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