

Supreme Det S

ON-ELECTRIC SURFACE TRUNK LINE DETONATOR Safety • Quality • Reliability

For Use in Opencast, Quarrying, Construction and Tunnelling



Description & Application

SUPREME DET-S Surface Trunk Line detonator consists of 3-Layered shock tube having internal coating of HMX compound & Detonator assembly which provides Surface non-electric delay initiation of surface and underground blast patterns. Used in conjunction with non-electric delay systems provide flexibility in blast design and ease of use. These can be used in opencast, quarries, tunnelling and construction projects.

Precaution

Avoid damage to the shock tube. Never pull so hard to stretch or break shock tube which may cause a premature detonation or misfire.

Avoid the tubes from direct impact, entangling from any moving objects

Advantages

- Better tensile strength.
- Better performance reliability with 3 layered shock tube.
- Better water resistance.
- Easy to connect with reliable connector.
- Provide flexibility in blast control.

Features

- Rugged and abrasion resistance tubing Delay.
- Periods are precisely timed.
- Quick and simple to connect.
- Brightly colored components.
- High visibility.
- Environment friendly.
- Reduced energy loss.

Technical Properties

PRODUCT	SUPREME DET-S Surface Trunk Line Detonator	
MOC of shell	Aluminium	
Detonator strength	Not Applicable	
Delay Timing, ms#	0,17, 25, 42, 67, 100, 200	
Length of the shock tube	As per customers requirement	
Tube Coating	HMX Compound	
Tube Coating (mg/Mtrs)	15 +/- 2	
VOD, (mtr/sec)	2000 ± 200	
Operating temperature	-20°C to 65°C	
Tensile strength	30 Kgf	
Identification mark	Delay timing and length stickers tagged with each shock tube. E mark at bottom of shell and "EEL" embossed on plastic connector. Different colored connectors for different delay timings	
Water Resistance	Excellent	
Packing	Depending on length, No. of Detonators are packed in antistatic poly- bags and such polybags are kept in approved fiber board case. A barcode sticker having details such as shock tube length, type and delay numbers etc. is pasted on the fiber board box.	

Specific delay period also available on request.

These specifications can be changed without any notice / intimation to



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Initiation & Handling

SUPREME DET-S Surface Trunk Line (STL) detonators can be initiated with electric, plain or Electronic detonators. Care should be taken while used on rough surface to avoid friction of detonators or damaging of shock tube during handling.

Storage

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

Shelf Life

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

Shipping Information:

Authorized Name : Supreme Det S

Shipping Name : DETONATORS Assemblies

NON-ELECTRIC for blasting

Class / Div : 1.1B UN No. : 0360

Packing

SUPREME DET-S Surface Detonator assemblies are wound in regular coils and packed in antistatic polybags. These are packed in Fiber Board cases.

Length	Case: 545 X 340 X 300 mm	
(in Mtr)	No. Per Polybag	Qty. Per Box
3.5	10	280
5	10	220
6	10	180
9	10	140
12	5	110
15	5	90
18	5	70
24	5	50

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

Quantity in Polybags may vary as per customer requirement.

Shock Tube lengths above 100 Mtrs will be provided in spools.

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 SIIL with reference to the use of its Products is given gratis & SIIL 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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 $\mbox{\ensuremath{^{\$}}}\mbox{Images}$ are just for reference and can be changed without any intimations.

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