

Supreme Det S

NON-ELECTRIC DOWN THE HOLE DETONATOR
For Use in Underground, Opencast,
Quarrying and Construction



Description & Application

SUPREME DET-S Down the Hole detonator consists of 3-Layered shock tube having internal coating of HMX compound & Detonator assembly which provides In-hole non-electric delay initiation of surface and underground blast patterns. Used in conjunction with detonating cord trunk lines or other non-electric delay systems provide flexibility in blast design and ease of use. These can be used in opencast or underground mines, at quarries or at construction.

Precaution

Avoid damage to the shock tube. Do not use shock tube as a lowering line for anything other than cast booster and cartridge booster. Never pull so hard to stretch or break shock tube which may cause a discontinuity of HMX or premature detonation or misfire. Not to be used in Hot/ Hot and reactive grounds.

Advantages

- Reliably initiates all detonator sensitive explosives; does not affect the explosives column energy.
- True bottom hole initiation.
- Better tensile strength.
- Better performance reliability with 3 layered shocktube.
- Better ingress resistance.
- Provide flexibility in blast control.
- User friendly in application.

Features

- Rugged and abrasion resistance tubing.
- Delay Periods are more precise.
- Quick and simple to connect.
- Easy to use with flexible tube.
- Customizable delay options
- Environment friendly
- Reduced energy loss.

Technical Properties

PRODUCT	SUPREME DET-S Down the Hole Detonator (DTH)		
MOC of shell	Aluminium		
Detonator strength	No. 8 / No.8*		
Delay Timing, ms#	200 400	250 450	300 500
Length of the shock tube	As per customers requirement		
Tube Coating	HMX Compound		
Coating Qty. (mg/mtr)	15 +/- 2		
VOD, (mtr/sec)	2000 ± 200		
Tensile strength	30 kgf		
Operating temperature	-20°C to 65°C		
Identification mark	Delay timing and length stickers tagged with each shock tube. "Danger Explosives-EEL" & Barcode printed on shell		
Water Resistance	Excellent		
Packing	Depending on length, No. of Detonators are packed in anti-static Poly bags and kept in approved fiber 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

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Storage

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

Shelf Life

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

Shipping Information :

Class / Div : 1/1.1
Group : B
UN No. : 0360

Packing

SUPREME DET-S Down the Hole Detonator are wound in regular coils and packed in anti-static poly- bags. These are shipped in Fiber Board cases.

Length (in Mtrs)	Case: 545 X 340 X 300 mm	
	No. Per Polybag	Qty. Per Box
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 per Poly bags can vary as per customer requirement.

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

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