

## **SUPREME DET-S**

### **NON ELECTRIC SURFACE DETONATOR**

**SAFETY • QUALITY • RELIABILITY**

*For use in Underground, Open-cut, Quarrying and Construction*



#### **DESCRIPTION**

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

#### **APPLICATION**

**SUPREME DET-S Surface Detonator** is designed to provide an out of hole delay in a non-electric blast pattern for quarries, surface coal operations, open pit mines and construction projects. These are used in conjunction with detonating cord downlines 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. The product may be used in areas encountering high temperatures during the summer period. This product may also be used in areas that encounter cold conditions.

#### **ADVANTAGES**

- Provide excellent, flexible blast control.
- Allows easy connection even with gloves.
- Blast plan modifications can be made quickly and easily.
- Facilitates rapid hook up verifications.
- Rugged and heavy hook up abrasion resistant tubing.

#### **INITIATION & HANDLING**

**SUPREME DET-S Surface Detonator** assemblies are uni-directional. These can be used with Detonating Cord; different Surface delay system; Electronic and Electric detonators.

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

### PACKAGING

**SUPREME DET-S Surface Detonator** assemblies are coiled in regular coils and packed in conductive plastic liners. These are shipped in Cardboard cases.

Length (Meters)	BOX SIZE 545 x 340 x 300 mm	
	No. Per Polybag	Qty Per Box
2	20	360
4	10	260
5	10	220
6	15	180
9	10	140
12	5	110

- Some lengths and delay combinations may not be available. Other lengths may be available by special arrangement.

### 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 date of manufacture.

### SHIPPING INFORMATION

<b>Class / Division</b>	1 / 1.1
<b>Group</b>	B
<b>UN No.</b>	0360
<b>Shipping Name</b>	Detonator Assemblies, Non-Electrical for Blasting

## TECHNICAL PROPERTIES

### PRODUCT

### SUPREME DET-S Surface Detonator

<b>MOC of Shell</b>	Aluminium
<b>Detonator strength</b>	Not applicable
<b>Delay Timing(ms)</b>	17, 25, 42, 67, 100
<b>VOD Shock Tube(m per second)</b>	2000 ± 200
<b>Length of the shock tube</b>	As per customer requirement
<b>Tensile Strength</b>	30 kgf (min)
<b>Identification Mark</b>	Delay timing and length stickers tagged with each shock tube and Supreme Det-S Surface detonator hooks having different colours for different delays
<b>Water Resistance</b>	Excellent
<b>Packaging</b>	Depending on length, No. of Detonators are packed in antistatic envelopes and such envelopes are kept in approved fibre board case. A barcode sticker having details such as shock tube length, type and delay numbers etc. is pasted on the fibre board box.

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