

**SUPREME DET S -  
SHOCK TUBE COMBI DET  
NON ELECTRIC DELAY DETONATOR**  
SAFETY • QUALITY • RELIABILITY



**DESCRIPTION**

**SUPREME DET S Shock tube Combi det** is a non-electric delay unit consisting of an In-hole delay detonator and Out-Hole “surface” delay detonator housed in a plastic connector block. **SUPREME DET S Shock tube Combi det** provides accurate milli second sequential firing coupled with reliability. Both detonators are milli-second delay detonators. **SUPREME DET S Shock tube Combi det** allows for quick and simple hook-up applications with the benefit of unlimited number of holes that can be connected to one another. **SUPREME DET S Shock tube Combi det** is designed to withstand high and low ambient temperatures conditions encountered.

**APPLICATION**

All Applications (Underground, Open Pit, Quarry and Construction)

**APPEARANCE**

Orange coloured length of Shock tube (3mm in diameter) which include a short delay and a long delay detonators with rubber sleeve crimped on both ends with various coloured connector blocks as per delay timing. The product is available in different lengths.

**FEATURES**

- Connector connects up to 6 Shock Tubes
- No pressure de-sensitization of explosives
- Eliminates the need for detonating cord trunk lines
- Provide excellent, flexible blast control
- Rugged and heavy hook up abrasion resistant tubing
- Highly visible
- Brightly coloured components
- Traceability of product through unique barcode system (Explosives management)

**STORAGE**

Store under moderate temperatures & dry conditions in well ventilated approved explosives storage facility/box or approved licenced magazine.

**SHELF LIFE**

When stored in cool, dry, well ventilated magazine and handled properly, the maximum shelf life of product is 36 months 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

## PACKAGING

**SUPREME DET S** assemblies are coiled in circular coils and packed in conductive plastic liners. These are shipped in Fibre board cases.

<b>Length(mm)</b>	<b>UNITS PER CASE</b>	
	<b>Units(ea)</b>	<b>NEQ(g)</b>
2, 2.5 & 3	300	1
3.5 & 4	250	1
4.5 & 5.5	200	1
5 220	1	

**Box Dimensions:** 535mm x 330mm x 285mm

## TECHNICAL PROPERTIES

<b>MOC of Shell</b>	Aluminium
<b>Detonator</b>	No.08 In-hole and No. 04 Out-Hole "Surface" Delays
<b>Product Sleep Time</b>	48 hrs at 3 kg/cm pressure
<b>VOD Shock Tube(m per second)</b>	2000 ± 200
<b>Shock Tube OD</b>	3mm Nominal
<b>Shock Tube Coreload</b>	17mg/m Nominal
<b>Delays (ms)</b>	42/500, 200/4000ms (manufacture as per customer request)
<b>Tensile Strength</b>	30 kgf (min)
<b>Identification</b>	Sticker tags with timing delay & length of product. Connector block has different colour for each delay
<b>Water Resistance</b>	Excellent
<b>Packaging</b>	Dependant on length, no. of detonators is packed in antistatic envelopes (10 to 20) inside fibre board case. Barcode sticker with product details pasted onto box. Traceability through barcode system.

## **SAFETY**

Never use **SUPREME Det S and Combi Det Shock tube** for a lowering line except for cast booster. Don't pull hard or attempt to stretch or break shock tube which may result in un-planned detonation.

## **DISCLAIMER**

Solar Mining Services cannot anticipate or control the circumstances under which this review of information in the specific context of the intended application. Solar Mining Services will not be responsible for any damage of any nature resulting from those implied warranties, given other than those implied mandatories by local legislation.