

# MAXNEL MS™

## Millisecond Delay Non-Electric Detonators

### Product Description

**MAXNEL MS™** non-electric detonators consist of a high energy detonator, a T-connector and shock tube of varying lengths. Connections to the detonating cord are made easily with the T-connector.

The delay time for MAXNEL MS is noted on the tag and the delay time and number is also printed prominently on the T-connector.

### Application

**MAXNEL MS™** non-electric detonators are suitable for use in blasting operations of surface and underground mining, quarry and construction projects, where there is no existing explosion hazard of either methane or mine dust.

The detonator cannot be used in blasting operations where there is a risk of explosion hazard from flammable gases.

### Properties

<b>Initiating Strength</b>	No. 8 detonator
<b>Temperature Range</b>	-40°C - +60°C
<b>Water Resistance</b>	Immersed at 20m for 72 hours with no loss of functional reliability
<b>Oil Resistance</b>	Immersed in #0 diesel oil at 80°C and 0.3Mpa pressure for 72 hours with no loss of functional reliability
<b>Tensile Strength</b>	Tested at 70N for one minute with no loss of physical connection
<b>Connector Block</b>	Only to be used for connection to detonating cord

### Storage and Handling

During handling and transportation, the product should be handled with great care, and should never be dropped, knocked or subjected to any impact. It should always be stored away from sources of heat in a dry, cool, well ventilated magazine. The shelf life of this product is five (5) years when stored correctly.

Proper Shipping Name	UN No.	Class
DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	0360	1.1B



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## TECHNICAL DATA



### Delay No. and Nominal Timing

Number	Time (ms)	Number	Time (ms)
0	0	13	325
1	25	14	350
2	50	15	375
3	75	16	400
4	100	17	425
5	125	18	450
6	150	19	475
7	175	20	500
8	200	21	600
9	225	22	700
10	250	23	700
11	275	24	900
12	300	25	1000

### Packaging

Shock Tube Length (m)	Qty/Case
3.6	80
4.8	80
6.0	75
7.2	70
9.0	65
12.0	40
15.0	35
18.0	30
24.0	20
Case Dimensions	380 x 250 x 255 mm

**MAXNEL MS™** detonators are packed into sealed plastic bags and fireboard outer cartons.

### Safety

**First Aid** - Refer to the Safety Data Sheet for MAXNEL MS Non-Electric Detonators.

**Safety** – All explosives are classified as dangerous goods and must be handled and stored with care. Misuse may result in personal injury and/or damage to property.