

NONELDET MS

Nonelectric Detonator

Technical Information



Product Description

NONELDET MS is a non-electrical initiation system designed to provide in-hole delays for surface blast applications.

Product has a detonator strength of No.8. NONELDET MS, with 20 different delay time options from 0ms to 500ms, is usually preferred as 500ms. The precision of the delay element minimizes the deviation between the actual detonation timing and the nominal delay. The 3-layer shock tube is resistant to pulling, breaking, and friction. The detonators are mounted on the shock tube in a waterproof manner and the other end of the shock tube is sealed by ultrasonic welding. These processes ensure the product to be highly resistant to humid conditions.

The ergonomic clips feature provides a safe, easy, and quick connection with the detonating cord and improves operational efficiency.

Application Recommendations

NONELDET MS is used as an in-hole detonator in all surface applications like metal and coal open pit blasting operations, excavation, industrial raw material and stone pits, infrastructure construction projects, etc.

Properties

Shell Material	Alluminium
Base Charge	0.885 gr. PETN and Lead Azide,
Strength	No: 8
Shock tube type	3 layers
Shock tube Diameter	3 mm.
Shock Tube V.O.D	2000m/s (±100)
Shelf Life	2 year
Hydrostatic Pressure Resistance	0,3MPa 48 hours
Storage temperature limits	-20 °C / +50 °C

Hazardous Shipping Description:

U.N. 0361
Detonator Assemblies, non-electric for blasting
Class: 1.4B



CE 1019



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Handling

Only to be handled by authorized personnel. Place the explosives under supervision and unavailable for persons not concerned. Protect against heating, physical damage and/or friction. The product must be transported in accordance with local and national regulations or directives / guidelines from authorities. No smoking, fire, sparks or welding. Must not be transported with flammable substances and explosives.

Storage

Store in a cool, dry, well-ventilated location. Store in compliance with local and national regulations or directives/guidelines from authorities. Recommended storage temperature: from -20 °C to +50 °C and RH 50 %. No smoking, fire, sparks or welding. Must not be stored with explosives, flammable substances and ignition sources. Keep away from strong shock. Use proper grounding procedure to avoid electrostatic accumulation hazard.

Safety Instructions

The detonators which are classified as dangerous goods may cause harm to the human or environment, if not stored, handled or used properly. The detonators should be stored, handled and used in compliance with the stated laws and regulations. If the NONELDET systems are to be used together with the products of the other manufacturer firms, the manufacturer does not guarantee the result.

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NONELDET MS	
Period No*	Delay (ms)
1	25
2	50
3	75
4	100
5	125
6	150
7	175
8	200
9	225
10	250
11	275
12	300
13	325
14	350
15	375
16	400
17	425
18	450
19	475
20	500

NONELDET SD / LP / MS / EZDET	Box Dimensions (mm)
	530x340x250

* All delays except 500ms are project specific and sourced on a base of the separate order.

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