

NONELDET

Non-Electrical Detonator



Product Description

NONELDET is the non-electrical endless delay initiation system, and consist of three different types.

NONELDET MS is the non-electrical initiation system with 25ms delay times between each of the delays. It consists of 20 different delay periods up to 500ms. It can be initiated using surface delay caps or detonating cords. The tubes of NONELDET MS are colored red. NONELDET SD transmits the reaction from the surface to the inhole caps during delay period. The tubes of NONELDET SD are colored red.

NONELDET LP is the non-electrical initiation system within long delay intervals designed specifically for underground and tunnel blasting operations. NONELDET LP has 25 different delay periods up to 8000ms.

NONELDET EZDET units consist of a length of red shock tube with a surface detonator attached to one end and an in-hole, high strength, detonator on the other. They can also be used in combination with Noneldet MS and SD to satisfy complex blast design requirements.

Properties

Shell	Aluminium
Explosive	1g PETN
Strength	No: 8
Type of Tube	Noneldet Tube 2 L
Tube Diameter	3 mm

Hazardous Shipping Description:

U.N. 0360 Detonator Assemblies, non-electric for blasting 1.1B II

Hazardous Shipping Description:

**U.N. 0349 Articles, explosive n.o.s. 1.4S II
 (Shock Tube)**



Technical Information

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.

NONELDET LP	
Period No	Delay Time (ms)
1	100
2	200
3	300
4	400
5	500
6	600
7	700
8	800
9	900
10	1000
12	1200
14	1400
17	1700
20	2000
23	2300
27	2700
31	3100
35	3500
39	3900
44	4400
49	4900
54	5400
59	5900
65	6500
72	7200
80	8000

Standard Length for Noneldet LP: 3, 4, 6m

NONELDET SD		
Detonator Name	Delay Period (ms)	Detonator Color
SD-17	17	Yellow
SD-25	25	Red
SD-42	42	White
SD-65	65	Blue
SD-100	100	Orange

Standard Length for Noneldet SD: 4, 6, 8m

NONELDET MS	
Delay Time (ms)	
450	
475	
500	

Standard Length for Noneldet MS: 4, 6, 8, 10, 12, 15, 18, 21, 25, 30m

NONELDET SD / LP / MS	Case Dimensions (mm)
	530x340x250

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