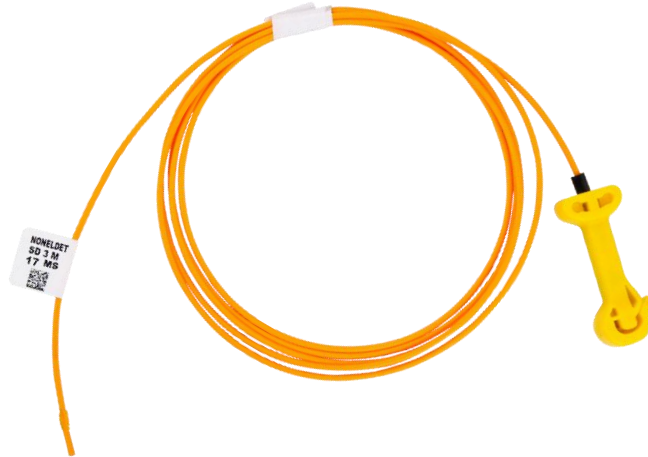


NONELDET SD

Nonelectric Detonator

Technical Information



Product Description

NONELDET SD is a short delay non-electric surface initiation system. It is used in surface applications to provide a surface delay between holes.

NONELDET SD, with 6 different delay time options from 9ms to 100ms, provides a flexibility for the blast design. 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 caps 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 connector block provides a safe, easy, and quick connection with up to 6 shock tubes and improves operational efficiency.

Application Recommendations

NONELDET SD is used as a surface connection 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	0,240 gr. Lead Azide
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



NONELDET SD

Nonelectric Detonator

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 N-DET systems are to be used together with the products of the other manufacturer firms, the manufacturer does not guarantee the result.

Product Disclaimer Nitromak DNX A.Ş. and its subsidiaries disclaim any warranties with respect to this product, the safety or suitability thereof, or the results to be obtained, whether express or implied, INCLUDING WITHOUT LIMITATION, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE AND/OR OTHER WARRANTY. Buyers and users assume all risk, responsibility and liability whatsoever from any and all injuries (including death), losses, or damages to persons or property arising from the use of this product. Under no circumstances shall Nitromak DNX A.Ş. or any of its subsidiaries be liable for special, consequential or incidental damages or for anticipated loss of profits.

Technical Information



NONELDET SD		
Delay No*	Delay Time (ms)	Block Color
1	9	Green
2	17	Pink
3	25	Red
4	42	White
5	65	Blue
6	100	Orange

* 1 & 6 delay numbers are project specific and sourced on a base of the separate order.

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

NITROMAK DNX KIMYA SANAYII A.Ş.

Via Flat İş ve Yaşam Merkezi, Beştepeler Mah. Nergis Sok. No: 7/2,
Kat: 1, Ofis No: 51 – 52, Söğütözü, Yenimahalle 06510 Ankara, TURKEY
Phone: +90 312 201 77 00 Fax: +90 312 201 77 01 – 02 Web: www.nitromak.com

NitroMak

DYNO

Dyno Nobel

Groundbreaking Performance