



NONELDET® EZDET

Nonelectric Detonator

PROPERTIES

N-DET® EZDET	
Shell Material	Aluminum Powder (pyrophoric)
Base Charge	1,125 gr. PETN and Lead Azide,
Strength	No : 8
Shock Tube Type	3 Layers
Shock Tube Diameter	3 mm.
Shock Tube V.O.D	2000 m/s (±100)
Shelf Life	2 years
Hydrostatic Pressure Resistance	0,3 MPa 48 hours
Storage Temp. Limits	-20 °C +50 °C

HAZARDOUS SHIPPING DESCRIPTION

UN0361 - Detonator Assemblies, non-electric for blasting, Class 1.4B



HAZARDOUS SHIPPING DESCRIPTION

UN0500 - Detonator Assemblies, non-electric for blasting, Class 1.4S



PRODUCT DESCRIPTION

NONELDET® EZDET is a non-electric initiation system with integrated delay elements designed for surface blasting applications. The product consists of an in-hole detonator on one end and a surface delay detonator housed within a connector block on the opposite end.

The in-hole detonators provide No.8 strength and operate with a 500 ms delay. The surface delay detonators offer six timing options ranging from 9 ms to 100 ms, enabling flexibility in blast design. The high precision of the delay element minimizes deviation between nominal and actual detonation timing.

The three-layer shock tube is engineered for resistance to pull, breakage, and abrasion. Detonator caps are mounted to the tube in a waterproof manner, ensuring high reliability under humid or wet conditions.

The ergonomic connector block enables safe, quick, and efficient attachment to detonating cord, supporting improved operational performance.

APPLICATION RECOMMENDATIONS

NONELDET® EZDET is utilized as a combined surface connection and in-hole detonator system for all surface blasting applications, including metal and coal open pit operations, excavation works, industrial mineral and aggregate quarries, and general infrastructure construction projects.



CE 1019



Product Disclaimer: Please see reverse side.

**DYNO
NOBEL®**



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PROPERTIES

NONELDET® EZDET

Delay No ^a	Delay Time (ms)	Block Color
1	9 / 500	Green
2	17 / 500	Yellow
3	25 / 500	Red
4	42 / 500	White
5	65 / 500	Blue
6	100 / 500	Orange

a. 6 delay number are project specific and sourced on a base of the separate order.

DIMENSIONS

NONELDET® SD/LP/MS/EZDET	Box Dimensions L x W x H
1.4B - UN0361	530 x 340 x 250 mm
1.4S - UN0500	537 x 347 x 287 mm

TRANSPORTATION, STORAGE AND HANDLING

Handling

- Product must be handled only by authorized personnel.
- Keep explosives under supervision and inaccessible to unauthorized individuals.
- Protect from heat, physical impact, and friction.
- Transport the product in full compliance with applicable local and national regulations and authority guidelines.
- Strictly prohibit smoking, open flames, sparks, and welding operations in the vicinity.
- Do not transport together with flammable materials or other explosives.

Storage

- Store in a cool, dry, and well-ventilated area.
- Maintain full compliance with local and national storage regulations and official directives.
- Recommended storage conditions: -20°C to +50°C, RH 50%.
- Smoking, open flames, sparks, and welding are strictly prohibited in storage areas.
- Do not store together with explosives, flammable substances, or ignition sources.
- Protect the product from strong mechanical shock.
- Apply proper grounding procedures to prevent electrostatic accumulation hazards.

Safety Instructions

- Detonators classified as dangerous goods may cause harm to people and the environment if not stored, handled, or used correctly.
- All storage, handling, and usage must follow applicable laws, regulations, and safety standards.
- When NONELDET® systems are used in combination with products from other manufacturers, the manufacturer does not guarantee performance or outcome.



ADDITIONAL INFORMATION – Visit nitromak.com or dynonobel.com for Brochures and Case Studies related to this product.

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