



NONELDET[®] SHOCK TUBE

Nonelectric Shock Tube

PROPERTIES

NONELDET [®] SHOCK TUBE		
Shell Material	Aluminum Powder (pyrophoric)	
Net Explosive Content (per 3000 m)	0.048 kg	
Shock Tube Type	3 Layers	
Shock Tube Diameter	3 mm (±0.150)	
Shock Tube V.O.D.	2000 m/s (±100)	
Shelf Life	3 Years	
Hydrostatic Pressure Resistance	0.3 MPa 48 hours	
Storage Tem. Limits.	-20 °C	+50 °C
Type	Tensile Strength (Avg.)	
Standard White	15 kgs/m	
Standard Orange		
Standard Yellow		
Standard Red		

HAZARDOUS SHIPPING DESCRIPTION

Not subject to dangerous goods transport regulations.

PRODUCT DESCRIPTION

NONELDET[®] SHOCK TUBE is factory spooled in continuous lengths of 3000 m to facilitate efficient manufacturing and handling of NONELDET[®] products. The shock tube consists of a small-diameter (3 mm), three-layer plastic construction, with the innermost surface coated with a reactive compound.

Upon initiation, the NONELDET[®] SHOCK TUBE transmits a low-energy signal at an approximate velocity of 2000 m/s along its length. The signal propagation is comparable to a dust explosion and produces minimal external disturbance to the tube. The resulting shock wave is sufficient to initiate a detonator, while remaining below the energy level required to rupture or damage the shock tube itself.



APPLICATION RECOMMENDATIONS

- **ALWAYS** replace the NONELDET[®] SHOCK TUBE closure device over the open end of any NONELDET SHOCK TUBE that's remains on the spool after use.
- **ALWAYS** keep NONELDET[®] SHOCK TUBE sealed and free from dirt and moisture since dirt or moisture in shock tube may cause a misfire.
- **ALWAYS** replace the plastic tube closure over the open end of any NONELDET[®] SHOCK LINE that remains on the spool and is intended to be used to make up another nonelectric starter assembly.
- **NEVER** remove the NONELDET[®] SHOCK TUBE closure device from the ends until just before use.



Product Disclaimer: Please see reverse side.

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DIMENSIONS

NONELDET [®] Shock Tube Length per Spool	Lenth (m)	Spools / Pallet
	3000	18
Pallet Dimensions	86 x 115 x 140 cm	

Container Type	Loading Method	Total Box (Spool) Quantity
20' Standard	Floor Loaded	420 Boxes
40' Standard	Floor Loaded	840 Boxes
Box Dimensions	420 x 420 x 366 mm	

HAZARDOUS SHIPPING DESCRIPTION

Articles, Explosives, N.O.S.
(Contains Cyclotetramethylene tetranitramine) Class 1.4S UN0349



CE 1019

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[®] SHOCK TUBE 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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