

# Non-Electric Shock Tube



Non-Electric Shock Tube is a safe alternative to electric initiation. Shock tube is a plastic, hollow tube containing a thin layer of energetic materials with an attached firing device and detonator. At initiation, the shock tube transmits a signal to an output charge. Fully integrated with an attached in-line initiator firing device and detonator providing safe and reliable initiation.

**APPLICATION:**

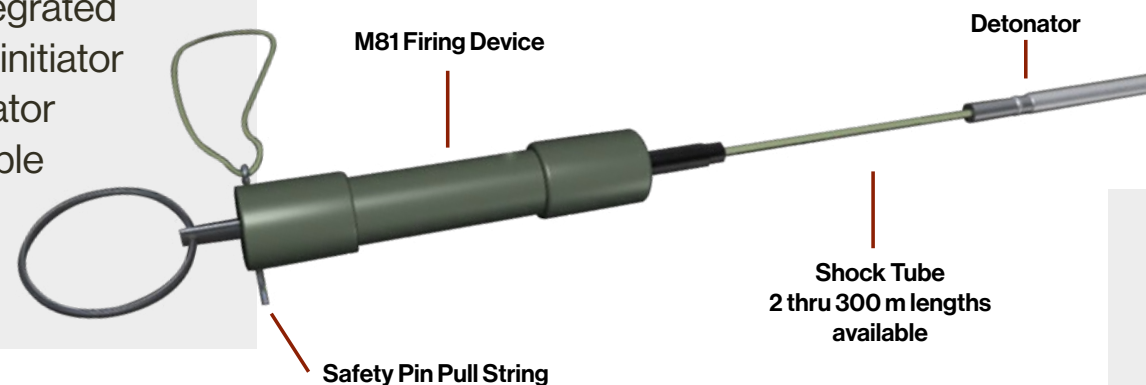
The Shock Tube is used to initiate explosives and other energetic materials. The detonator is compatible with munitions, cap wells, detonating cords, high explosives, and shock tube.

- Military demolitions
- Explosive ordnance disposal
- Minefield clearance
- Explosive testing
- Breaching
- Special applications

**PROPERTIES:**

- Safe alternative to electric initiation
- Water resistant detonator
- Available in varied lengths
- Military strength detonators
- Single and Dual shock tube lines
- 0.083" (2 mm) or 0.118" (3 mm) diameter
- Compact systems minimize logistical space
- 1.4S configuration for ease of transport
- Increased reliability with dual shock tube
- 40% reduction in weight and volume

**NON-ELECTRIC SHOCK TUBE SYSTEM:**



MSDS No:  
MSDSD10416/1

EX-2001100016, EX-2001100017  
EX-2001100018, EX-2001100019  
Detonator assemblies, Non-electric  
UN0500 1.4S

**NON-ELECTRIC SHOCK TUBE SYSTEM**

**AVAILABLE CONFIGURATIONS\***

PICTURE	CONFIGURATION	SHOCK TUBE LENGTH	SINGLE OR DUAL SHOCK TUBE	SHOCK TUBE DIAMETER	INITIATION END	OUTPUT END MILITARY STRENGTH	TUBE COLOR	PACKAGING
	Spool	33' to 2500' (10 m to 760 m)	Single or Dual	2 mm or 3 mm	M81 firing device	Instant Detonator	Olive Green	Fiberboard Box
	Figure 80	10' to 50' (3 m to 15 m)	Single			In Line Initiator*	Delay Detonator, 3.8 sec	
	Fan Pack	16' to 60' (5 m to 20 m)	Dual		Heat Seal	Delay Detonator, 6.4 sec	Blue (training only)	Wood Box
						Delay Detonator, 9.6 sec	Bronze (inert only)	Metal Can
					*used with mechanical firing devices	Heat Seal		

\* Other delay times available upon request.

**OPERATIONAL STEPS:**

1. Connect detonator to explosive charge
2. Deploy shock tube while retreating to secure location
3. Initiate shock tube with the M81 (or other) firing device

**PACKAGING:**

- Military Packaging: Metal Ammunition Box or Wood Box
- Commercial Packaging: Fiberboard Box



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