TECHNICAL DATA SHEET

NONEL® EZTL™

Nonelectric Trunkline Delay Detonators

Properties	SDS
	#1122

Net Explosive Content per 100 units 0.0240 kg 0.0529 lbs

Delay Time msec	Connector Block Color	
9	Green	
17	Yellow	
25	Red	
33	Green	
42	White	
67	Blue	
100	Black	
109	Black	

Hazardous Shipping Description

• Detonator assemblies nonelectric, 1.4B, UN 0361 PG II



PRODUCT DESCRIPTION

NONEL nonelectric delay detonator EZTL units consist of a length of yellow shock tube, with a surface detonator attached to one end and the other end sealed. The detonator is housed in a plastic EZ Connector block which facilitates easy connection to shock tube. A white J-hook is affixed near the sealed end. Easy-to-read, color-coded delay tags display the delay number and nominal firing time prominently.

EZTL detonators are designed for use with NONEL MS and EZ DET® units to provide effective and accurate surface timing between blast holes and/or rows of blast holes in surface and underground blasting designs.



APPLICATION RECOMMENDATIONS

- For detailed application recommendations, ALWAYS request a copy of Dyno Nobel's Product Manual: NONEL® and PRIMACORD® from your Dyno Nobel representative.
- ALWAYS be sure that the shock tube(s) are securely inserted, one at a time, into the
 plastic EZ connector. The head of the connector block should rise to accept the tube,
 and return to a closed position with an audible click
- ALWAYS ensure that the individual shock tubes remain aligned side by side in the EZ connector channel and do not cross over one another during insertion.
- ALWAYS protect the plastic EZ connector and all shock tube leads from impact or damage. Use care when placing blasting mats and cover material on top of the blasting circuit. The EZ connector contains a detonator and is subject to detonation caused by abuse such as impact. Shock tube which has been cut, ruptured or damaged may cause misfires



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Properties Cont.

Packaging

Leng	Length Case Type		Quantity / Case
meters	feet	Case Type	Qualitity / Case
3.5	12	D*	90
6	20	D*	75
9	30	D*	60
12	40	D*	50
15	50	D*	45
18	60	D*	35

- Length rounded to nearest one-half meter.
- Case weight varies by length & delay; see case label for exact weight.
- * Always shipped with 2 cases strapped together. Case dimension width doubles.

Case Dimensions

Detpak (D) $44 \times 22 \times 25 \text{ cm} \quad 17\frac{1}{2} \times 8\frac{3}{4} \times 10 \text{ in}$

APPLICATION RECOMMENDATIONS - continued

- NEVER use NONEL EZTL detonators with detonating cord.
 The low strength surface detonator will not initiate detonating cord
- NEVER attempt to disassemble the delay detonator from the EZ connector block or use the detonator without the connector
- NEVER place more than 6 shock tube leads into an EZ connector block, misfires may result
- NEVER tie-in NONEL EZTL units to the blast initiation system until all blasthole surface connections have been made and inspected. Ensure the blast site has been cleared.
 It is important to remove nonessential personnel and equipment prior to the hole-to-hole connection process. Dyno Nobel Field Technical Representatives and product application guides can assist with unique connection situations.

TRANSPORTATION, STORAGE AND HANDLING

- NONEL EZTL must be transported, stored, handled and used in conformity with all federal, state, provincial and local laws and regulation
- For maximum shelf life (3 years), NONEL EZTL must be stored in a cool, dry, well ventilated magazine. Explosive inventory should be rotated. Avoid using new materials before the old. For recommended good practices in transporting, storing, handling and using this product, see the booklet "Prevention of Accidents in the Use of Explosive Materials" packed inside each case and the Safety Library Publications of the Institute of Makers of Explosives

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

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