

Coal Mine Construction™ Delay Detonators

PRODUCT INFORMATION BROCHURE

Coal Mine Construction electric detonators are designed to provide the precise control necessary to produce accurate and consistent blasting results in a variety of blasting applications in underground coal mine applications and other industries that require the use of a copper shell electric detonator.

ADVANTAGES

- 750 mg PETN base charge far exceeds the standard #8 strength detonator.
- Industries strongest copper shell reduces the possibility of water hammer effect.
- Anti-static PVC insulation for added protection from extraneous currents.
- Wide selection of delay intervals provide greater flexibility in blast design.



PROPERTIES

Coal Mine Construction Delay Detonator Sequence							
Delay #	1	2	3	4	5	6	7
MS Time	25	50	75	100	125	150	175
Coal Mine Construction Delay Detonator Sequence (continued)							
Delay #	8	9	10	11	12	13	14
MS Time	200	250	300	350	400	450	500

Coal Mine Construction Delay Detonator Recommended Firing Current				
Circuit Type	Single Detonator	Single Series	Parallel Series	Parallel
DC [Amps]	0.5	1.5	1.5	1.0–10.0/Detonator
AC [Amps]	0.5	2.0	2.0	1.0–10.0/Detonator



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Coal Mine Construction Delay Detonators

STANDARD PACKAGING DETAILS

Coal Mine Construction Delay Detonator Packaging & Resistance						
Length		Case Weight		Case Count	Total [Ω]*	Wire Configuration
[ft]	[m]	[lb]	[kg]			
16	4.9	13.2	6.0	100	1.5	Short Fold

* Includes fusehead resistance of 0.9 +/- 0.1 Ω.

STANDARD TECHNICAL DESCRIPTION

Copper wire, copper shell electric detonators

STORAGE

Store in accordance with all applicable local, state, provincial and federal laws.

SHELF LIFE

For optimum accuracy, use within five years from date of manufacture under good storage conditions.

TRANSPORTATION DATA

UN CLASSIFICATION

Shipping Name: Detonators, Electric

Class & Division: 1.4B

ID Number: UN 0255

US DOT REFERENCE NUMBER

EX-0103067

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