

RIONEL LLE

Non Electric Lead in Line

www.maxam.net

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The RIONEL LLE series has been designed as a reliable non electric system for initiation of blasts.

The RIONEL LLE consists of a long length of spooled shock tube with a colour coded RIONEL SCE connector.

The RIONEL LLE shock tube is safe against extraneous currents and has been designed with high tensile strength to prevent elongation during use.

The shock tube also has good abrasion resistance characteristics.

RIONEL LLE has a RIONEL SCE connector with a zero (0) millisecond delay which is high precision and designed to eliminate metal shrapnel.

The connector can accept up to eight (8) shock tubes and is colour coded.



Advantages

- Safe, reliable and user friendly
- Safe against extraneous electric current
- Shock tube designed to resist high tensile loads and elongation, avoiding damage under normal operating conditions
- The design, colour, labels and packaging increase visibility and identification



1. Shock tube with three (3) layers, spooled on reels which aids deployment and avoids tangles.



2. Colour coded connector will accept up to eight (8) shock tubes.



3. Water resistant label which includes delay period, length and lot number.

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Delay Times
(nominal values)

Connector
colour

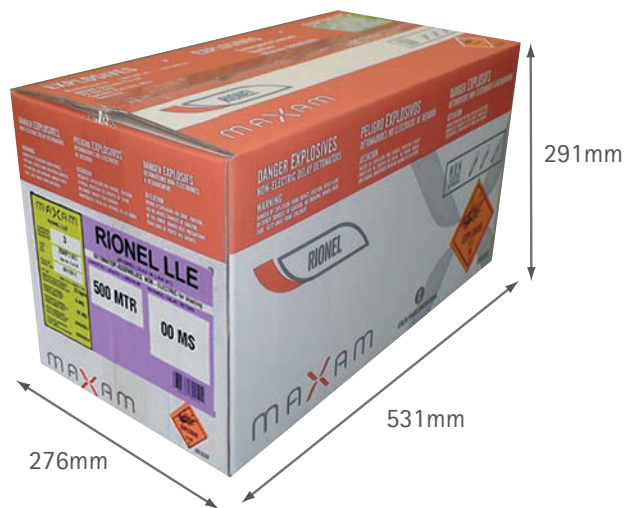
Time
(ms)



0

Standard Packaging, Class 1.1B
(nominal values)

Lengths (m)	Units per box	Net weight (kg)	Gross weight (kg)	Tube colour
150	5	4.8	5.8	Yellow
500	3	9.1	10.1	Yellow



Transport Classification	Standard Packaging
Class	1.1B
UN Number	UN 0360

Contact your local MAXAM representative for further information.

GENERAL INFORMATION

RIONEL LLE detonators have a recommended shelf life of three (3) years from date of manufacture.

RIONEL LLE detonators must not be used for the initiation of detonating cord.

RIONEL LLE detonators can be used in temperatures between -20°C to 70°C.

RIONEL LLE detonators do not contain a detonator shell and cannot be used without the LIL block.

Do not under any circumstances try to disassemble a RIONEL LLE unit.

RIONEL LLE detonators must be stored in dry and well ventilated conditions in accordance with local regulations.

Read this Technical Data Sheet and the Safety Data Sheet carefully before using RIONEL LLE series products. RIONEL LLE detonators must not be used in flammable environments such as methane and coal dust. MAXAM strongly recommends to not use RIONEL products with detonators and or initiation systems supplied by other manufacturers in the same blast and declines all responsibility in these cases.

LEGAL WARNING AND EXCLUSION OF RESPONSIBILITY

The information included in this document is subject to variations depending on the usage of the products as well as external factors such as temperature, humidity and pressure. The products described in this document are potentially dangerous and must be used and handled by competent staff only, following the applicable regulations. This document does not constitute contractual content and cannot be considered a contract. According to this document, MAXAM does not assume any obligation, responsibility or guarantee with third parties. The information contained in this sheet is valid as at 22nd February 2016. To ensure the user has all the latest information about the use and handling of this product please visit www.maxam.net and or check with your local MAXAM representative.

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