

RIONEL SCE

Non Electric Surface Connector

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RIONEL SCE has been designed for ease of use within blast initiation sequences. RIONEL SCE is used as a connector between in-hole detonators which enables precise timing intervals within the blast.

RIONEL SCE series products allow for the initiation of various explosive decks within a blasthole or between blastholes throughout a blast design. When RIONEL SCE's are used in combination with RIONEL MS series detonators they offer great flexibility in the design of any blast.

The RIONEL SCE is manufactured from RIOSHOCK shock tube of varying lengths in combination with the industry leading connector. The RIONEL SCE connector contains a high precision delay and a reduced explosive charge. The uniquely designed RIONEL SCE contains no metal around the primary charge, thus eliminating metal shrapnel and minimising noise emissions.

The RIONEL SCE can accommodate up to eight (8) standard shock tubes and has varying colour connectors depending on the delay.

RIONEL SCE's are the ideal connections for MAXAM's RIONEL system.



Advantages

- Eight (8) tube capacity
- No metal shrapnel
- Reduced risk of shadowing of tubes
- Safe, reliable and user friendly
- Safe against extraneous electric currents
- Shocktube is designed with high tensile strength and elongation properties which prevent damage under operating conditions
- The design, colours, labels and packaging all increase visibility and make identification easy



1. Three (3) layered shock tube coiled in a configuration which eases deployment and avoids tangles



2. RIONEL SCE connector has no conventional detonator shell and is directly loaded with the primary charge



3. The fastening band is easy to break manually in order to achieve a quicker loading operation










4. Water resistant label which includes the timing delay, length and lot number



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Delay Times (nominals values)

| Delay | Time (ms) |
|---|-----------|
|  | 0 |
|  | 9 |
|  | 17 |
|  | 25 |
|  | 42 |
|  | 67 |
|  | 100 |

Special Packaging, Class 1.4S (nominal values)

| Length (m) | Units per box | Net Weight (kg) | Gross Weight (kg) | Tube Colour |
|------------|---------------|-----------------|-------------------|-------------|
| 4 | 100 | 4.5 | 5.5 | Yellow |
| 6 | 80 | 4.5 | 5.5 | Yellow |
| 9 | 70 | 5.2 | 6.2 | Yellow |
| 12 | 70 | 6.2 | 7.2 | Yellow |
| 15 | 50 | 5.3 | 6.3 | Yellow |
| 18 | 50 | 6.1 | 7.1 | Yellow |



| Transport Classification | Special Packaging |
|--------------------------|-------------------|
| Class | 1.4S |
| UN Number | UN 0500 |

Contact your local MAXAM representative for further information.

GENERAL INFORMATION

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

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

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

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

DO NOT under any circumstances try to disassemble a RIONEL SCE unit.

RIONEL SCE 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 SCE series detonators. RIONEL SCE 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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