

RIOPRIME



1. Plastic encasing assures easy handling.



2. Easy and reliable allocation of the detonator provides firm placement and prevents leakage.

ADVANTAGES

- Due to the absence of NG, it does not cause the problems associated with skin contact with NG products
- Easy and reliable allocation of the detonator
- Suitable for use with bulk charging equipment

DESCRIPTION

RIOPRIME is a high energy mini primer designed to produce high velocity of detonation and high detonation pressure, ensuring reliable initiation of bulk and cartridge explosives such as RIOFLEX, RIOHIT, RIOXAM and RIOGEL in underground non-flammable environments.

RIOPRIME has been designed to improve the charging work. The introduction of the detonator in the mini primer, makes charging into the bottom of the hole a more secure, faster and easier process, also ensuring detonation of bulk products

RIOPRIME is compatible with all MAXAM RIONEL non-electric detonators, RIOTRONIC electronic detonators and RIODET electric detonators.

APPLICATION

RIOPRIME must always be initiated by a #8 strength detonator.

RIOPRIME is made up of a PETN based mixture of high-powered explosive products. This highly stable composition gives the product an approximate density of 1.6 g/cm³, making the handling of RIOPRIME easier.

SAFETY

RIOPRIME has been designed for simple handling. Its oil and water resistance, supplemented by a slow aging curve, gives it characteristics that make it suitable for use in extreme working conditions.

RIOPRIME are also less likely to be 'lifted-up' the side of the hose during bulk loading operations.

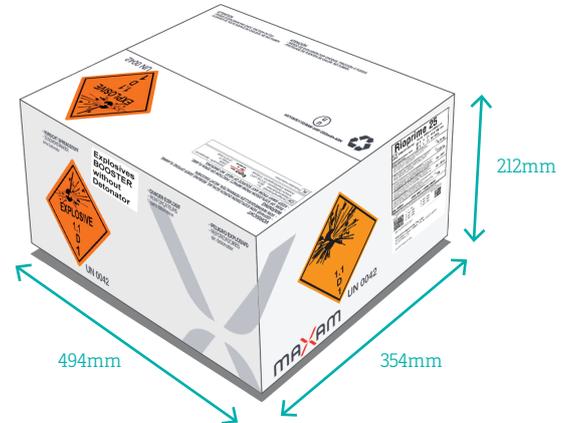
RIOPRIME can be used in temperatures between -20 °C - +50 °C.

RIOPRIME has a shelf life of two (2) years and is dependent upon the product being stored in moderate temperatures between +5 °C - +30 °C.

RIOPRIME 25

Technical Characteristics (Nominal Value)

Outer Diameter (mm)	15.0
Internal Diameter (mm)	13.5
Length (mm)	150
Velocity of Detonation (m/s)	≥ 5,500
Sensitivity to Impact (J)	≥ 15
Friction Sensitivity (N)	≥ 216



Standard Packaging, Class 1.1D (Nominal Value)

Product	Weight/Unit (g)	Density (g/cm ³)	Units (per Bag)	Units (per Box)	Net Weight (kg per box)	Initiation
RIOPRIME 25	21	1.6	100	700	14.7	#8 Strength Detonator

Product Classification BOOSTER without Detonator

Class 1.1D

UN Number 0042

Contact your local MAXAM representative for further information

SAFETY WARNING

RIOPRIME has a shelf life of two (2) year from the date of manufacture.

RIOPRIME is #8 detonator sensitive.

RIOPRIME can be used in temperatures between -20 °C - +50 °C.

RIOPRIME shelf life is dependent upon the product being stored in moderate temperatures between +5 °C - +30 °C.

Read this Technical Data Sheet and the Safety Data Sheet carefully before using RIOPRIME products.

RIOPRIME must not be used in flammable environments such as methane and coal dust.

MAXAM strongly recommends to NOT use RIOPRIME products with 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. Some MAXAM explosive products listed in the document may not be available within Australia. 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 18th April 2017. To ensure the user has all the latest information about the use and handling of this product please visit www.maxaustralia.net and or check with your local MAXAM representative.

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