

RIOPRIME 25

Mini Primer

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RIOPRIME MINI PRIMER



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, RIOMEX, RIOXAM and RIOGEL in underground non-flammable environments.

RIOPRIME has been designed to improve the charging work. The introduction of the detonator in the 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.

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



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.

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

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.

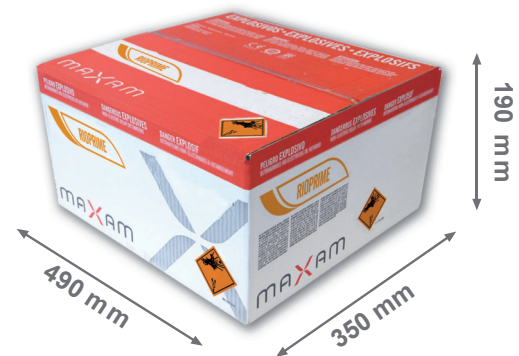
The shelf life of RIOPRIME is dependent upon the product being stored in moderate temperatures between +5 °C - +30 °C.

Technical Characteristics (Nominal values)

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 values)

Type	weight/Unit (g)	Density (g/cm ³)	Units/Bag	Units/Box	Net Weight/Box (Kg)	Initiation
25	21	1,6	100	700	14,7	#8 strength detonator.



Transport Classification	Standard Packaging
Class	1.1D
UN Number	UN 0042

Contact your local MAXAM representative for further information.

SAFETY WARNING

Read the Instructions Safety Sheet and the Material Safety Data Sheet provided carefully before using RIOPRIME. RIOPRIME must not be used in flammable environments such as methane or coal dust. MAXAM strongly recommends not to use RIOPRIME products with detonators and/or initiation systems supplied by other manufacturers in the same blast and declines all liability in these cases. RIOPRIME must be stored at moderate temperatures in a dry and well ventilated place.

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