

RIOBOOSTER CAST BOOSTER

RIOBOOSTERS are high energy explosives 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.

RIOBOOSTERS have been designed for maximum protection of the RIONEL non electric detonator.

RIOBOOSTERS will accept all MAXAM RIONEL non electric detonators, RIOTRONIC electronic detonators and RIODET electric detonators.

RIOBOOSTERS must always be initiated by an #8 strength detonator, and some (as specified in the characteristics table), by RIOCORD 10 and 12 g/m.

RIOBOOSTERS are made up of a mixture of high-powered explosive products. This highly stable composition gives the product an approximate density of 1.6 g/cc, making lowering the RIOBOOSTER down the blasthole easier.

TWINPLEX types for two detonators are also available.

Advantages

- Safe and reliable and user friendly.
- Cast design protects detonator.
- Variable size to suit application.
- Accepts all MAXAM initiation systems.
- High detonation pressure output.
- Oil and water resistant.



1. Cast design for firm and protected "double locked" detonator placement.



2. Colour coded sizes for high visibility and easy identification of sizes.

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

RIOBOOSTERS have been designed for simple handling. Their 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 cast RIOBOOSTERS is dependent upon the product being stored in moderate temperatures in dry, well ventilated magazines for Class 1.1D explosives.

Standard Packaging, Class 1.1D (Nominal values)

Weight (kg)	Volume (L)	Pressure (GPa)	Velocity (m/s)	Length (mm)	Width (mm)	Height (mm)	Weight (kg)	Volume (L)	Description
800	7500	>20GPa	1.60	74	128	32*	26,0	27,0	RIOCORD 10 and 12 g/m #8 strength detonator
450	7500	>20GPa	1.60	58	114	56*	25,2	26,2	RIOCORD 10 and 12 g/m #8 strength detonator
400	7500	>20GPa	1.60	58	110	56	22,4	23,5	RIOCORD 10 and 12 g/m #8 strength detonator

* TWINPLEX 800 type has 30 Units/Box
450 type has 55 Units/Box



Standard Packaging, Class 1.1D (Nominal values)

250	7500	>20GPa	1.60	46	114	90	22,5	23,5	#8 strength detonator
150	7500	>20GPa	1.60	36	108	152	22,8	23,8	#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 RIOBOOSTER. RIOBOOSTER must not be used in flammable environments such as methane or coal dust. MAXAM strongly recommends not to use RIOBOOSTER products with detonators and/or initiation systems supplied by other manufacturers in the same blast and declines all liability in these cases. RIOBOOSTER must be stored at moderate temperatures in a dry and well ventilated place.

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