MAXPRIME Boosters

TECHNICAL DATA SHEET – INITIATION SYSTEMS

MAXPRIME Boosters

MAXPRIME is a range of detonator sensitive, cast boosters. Available in various sizes, MAXPRIME boosters are made of a high energy, molecular explosive composition cast into a high visibility, coloured cylindrical cardboard or plastic shell. MAXPRIME boosters are manufactured with an internal tunnel and blind detonator well for initiation with an electric or non-electric detonator or detonating cord.

APPLICATION

MAXPRIME Boosters provide high energy initiating power for a range of explosive applications. They deliver reliable priming of pumped, augured and packaged explosives in both surface and underground applications.

MAXPRIME Boosters can be initiated by a minimum No.8 strength detonator with the 150g and 400g boosters also capable of initiation by detonating cord (minimum 3.6g/m).

Detonators and detonating cord must NEVER be forced into the through tunnel or detonator well. In case of obstruction, NEVER attempt to clear these areas. If the through tunnel or detonator well do not easily accommodate the detonator or detonating cord, DO NOT USE THE BOOSTER. Notify a Nitro Sibir Australia representative.

FEATURES

- High quality explosive composition ensures reliability and performance.
- Available in a range of sizes to accommodate most blast hole applications.
- High visibility fluorescent coloured shell for increased safety on the blast site.

PHYSICAL PROPERTIES

Authorised Shipping Name	BOOSTERS, WITHOUT DETONATOR
Nominal Weight (grams)	150, 250 and 400
Density	≥ 1.50 g/cm^3
VOD	≥ 7000 m/s
Cap Well and Cord Tunnel	One blind detonator well and one through tunnel
Maximum Usage Temperature	75℃
Water Resistance	Excellent
Colours	Fluorescent-Orange, Green, Yellow
Explosive Class 1.1D	UN Number: UN 0042

STORAGE AND HANDLING

MAXPRIME Boosters should always be stored in a dry, cool, well ventilated magazine. The shelf life of this product is ten (10) years when stored in ideal conditions.

Explosive inventory should be rotated with older product being used before new.

STANDARD PACKAGING GUIDELINES

BOOSTER TYPE	QTY/CASE	CASE DIMENSIONS (mm)
400	30	360x300x130
150	80	390x315x130
250g SPUTNIK Uphole	30	295x245x130

MAXPRIME Boosters, without detonator, are packed into sealed plastic bags, which are packed into double corrugated, fibreboard cases. Dimensions of cases are shown in the table above.

SAFETY

First Aid – Please refer to the Safety Data Sheet for MAXPRIME Boosters, Nitro Sibir Australia Ref. IS01.

Safety - All explosives are classified as dangerous goods and must be handled and stored with care. Misuse may result in personal injury and/or damage to property.

TDS: IS01 VERSION: 4.0 LAST UPDATED: 07/19

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