

JOHNEX explosives

MEGAPRIME BLADE®

JOHNEX MEGAPRIME BLADE® is a high performance, easy to use alternative to traditional primers such as small diameter cartridge explosives. JOHNEX MEGAPRIME BLADE® consists of a section of 80g/m detonating cord contained within a moulded plastic housing. A detonator capwell is also incorporated into the moulded plastic housing.

APPLICATION

Commonly used in underground development headings to initiate ANFO and UG emulsion. JOHNEX MEGAPRIME BLADE® is compatible with No.8 strength detonators.

FEATURES AND BENEFITS

- Unique lock in capwell provides a totally safe protected environment for the detonator which can be reverse or forward primed in the borehole.
- The hypersonic VOD increases performance of ANFO and UG emulsion at the butt where the energy is required.
- Unique explosives formulation provides almost four times the detonating pressure than cartridge emulsion.
- Directional firing allows focusing of the shockwave towards the butt
 of the borehole.
- The specialised custom shape saves time when charging.
- The compact diameter allows for loading of constricted boreholes.
- Unlike emulsion cartridges, deadpress is totally eliminated.
- The fully sealed plastic shell enables the primer to be 100% water resistant

PHYSICAL PROPERTIES			
Nominal Density	1.7g/cc		
Nominal Detonating Pressure	24 Mpa		
Velocity of Detonation	7000 m/s		
Colour	Red		
Explosive Class: 1.1D UN Number: 006	5		



STANDARD PACKAGING					
Product	Nominal Mass (g)	Nominal Diam (mm)	Nominal Length (mm)	Units per Case	Nominal Case Mass (kg)
MEGAPRIME BLADE®	45	25	190	150	7.1

Compact miniature box size takes up less space in the charge-up basket and magazine. Box dimensions (LxWxH): 360x200x190mm.

STORAGE AND HANDLING

JOHNEX MEGAPRIME BLADE® should be stored in a cool, dry, high explosives magazine licensed for Class 1.1D Explosives.

SHELF LIFE

JOHNEX MEGAPRIME BLADE® recommended shelf life is ten (10) years when stored as per AS2187.1.

SAFETY

JOHNEX MEGAPRIME BLADE® contains PETN which, while relatively insensitive to accidental initiation by shock, friction or mechanical impact, should be handled with due care appropriate to a detonator sensitive explosive.

JOHNEX MEGAPRIME BLADE® is supplied as a sealed system and should not be cut under any circumstances.

JOHNEX MEGAPRIME BLADE® is supplied in Class 1.1D packaging and has UN Number 0065

For more information please consult the Safety Data Sheet.



PRODUCT DISCLAIMER: The information contained in this technical bulletin is believed to be accurate, but cannot possibly cover every application or variation of conditions under which the product is used or tested. The specifications herein are based on the manufacturer's experiences, research and testing. Johnson Hi—Tech (Australia) Pty Ltd trading as Johnex Explosives can not anticipate or control conditions under which this information and its products may be used. Each user is responsible for being aware of the details in the technical bulletin and the product applications in the specific context of the intended use. Johnson Hi—Tech (Australia) Pty Ltd will not be responsible for damages of any nature resulting from the use or reliance upon the information. No express or implied warranties are given other than those implied as mandatory by Commonwealth, State or Territory legislation.