Packaged Explosives

Our strategically placed network of regional depots and integrated supply chain provides a full series of explosives and services to the most remote customers in African and International markets. This portfolio includes a wide series of specifically formulated Emulsions, Watergels, Drygels, **Anfex®** and non-detonating solutions.

All AEL products are supported by a reliable series of initiation systems and blasting services. Our highly skilled technical support staff are on hand to manage customer needs.

The **Magnum®** series of Watergel and Drygel explosives are known for their reliability, high energy and excellent blasting results.

The product series consists of the classic Watergel configurations as well as Drygel configurations. The Drygel explosives are characterised by a stiffer rheology for improved handling in longer cartridges. Both types are offered in different energy grades to suit almost all blasting requirements/applications.

Anfex® is a packaged, free flowing Technical Ammonium Nitrate (TGAN) and fuel oil blasting agent for use in commercial blasting operations.

The TGAN used in the manufacture of **Anfex®** is very resistant to being crushed to a powder and has a world leading friability index (less than 2 %). The low friability ensures the best structural integrity of the prill. When the product is blow-loaded, the prills will break up on impact. **Anfex®** fuel ratios are carefully controlled and provide the optimum chemical balance for good post detonation fume control.

InstaStem™ cartridges are the world's only non-detonating, self-stemming, rock breaking cartridges that are classified as "1.4S Cartridge, Power Device". InstaStem™ is an advanced rock breaking solution, specifically developed for surface and underground secondary breaking. This technology also features additional application possibilities like sliping.

InstaStem™ products are self-stemming, enhancing the speed and ease of use and allowing for improved cycle times and blasting efficiencies. Minimal clearing area is required as the product creates no air-blast and reduced rock scatter.

InstaStem™ Cartridges, by virtue of their non-detonating performance characteristic offer numerous benefits in support of conventional explosives in certain applications. In this regard, InstaStem™ products do not create a shockwave, and hence are suitable for use in vibration sensitive areas and in areas of low ventilation (no harmful gasses are produced).

Magnum® Watergel Series

The Magnum® Watergel series is a commercial explosive that offers different energy grades to suit a variety of blasting applications. The Magnum® series of Watergel explosives has become an industry standard and is known for its reliability, high energy and excellent blast performance.

The explosive is packed into plastic sleeves of variable dimensions.

APPLICATION

Magnum® products are used for blasting in underground mines, surface quarries, trenches, open pit operations and construction works. Magnum® products are designed for tough breaking conditions in hard rock mining. Magnum® 365 Gel can be used for very tough breaking conditions, including tunnelling.

Magnum® products are NOT for use in coal mines or under fiery conditions.

SPECIAL PRECAUTIONS

Although Magnum® products are not very sensitive to normal stimuli they are powerful explosives and the effects of an accidental detonation can be catastrophic.

- Handle with care
- Keep away from flames, sparks and all sources of ignition
- Keep detonators stored away from explosives
- Damage to the product could lead to misfires
- Consult with AEL Explosives Representative before attempting to destroy old/unwanted products

FEATURES

- A firm cartridge (loads and tamps well)
- High energy with favourable energy partitioning
- Improved sensitivity and energy at high densities
- 6D detonator and 5 g/m detonating cord sensitive
- Excellent water resistance
- Good gap sensitivity

STORAGE

- The shelf life of the product is 12 months from the date of manufacture. Legal storage in customers magazine is 6 months
- Store in a segregated, approved, cool, well-ventilated, dry and labelled area
- Keep packaging tightly closed and sealed until ready for use
- Abide by the legal storage requirements for the region
- Always rotate stock-first in, first out (FIFO)

BEST PRACTICE

- Use with AEL 8 D strength detonators
- Always embed detonator charge firmly into at least one-third of the cartridge and ensure that the detonator is fully consumed within the explosives
- When using detonating cord, a knot in intimate contact with the cartridge is recommended

PRODUCT SERIES		
MAGNUM® WATERGEL SERIES		
PRODUCT	**MAGNUM® BUSTER GEL**	**MAGNUM® 365 GEL**
Water Resistance	Excellent	
Primer	6 D Detonator	
Density (g/cm³)	1.18-1.25	
Velocity of Detonation (m/s)	2900-4000	
Ideal Delivered Energy (MJ/kg) @ 100Mpa	2.5-2.7	2.7-2.9
*RWS @ 100 Mpa	113-117	122-126
*RBS @ 100 Mpa	179-183	192-196

Transport (UN Classification)
Class 1.1D, UN No. 0241, EXPLOSIVE, BLASTING, TYPE E

Magnum® Drygel Series

Magnum® Drygel is a doped Watergel explosive. The high content of TGAN results in a cartridge with a much-improved rheology when compared with the rheology of traditional Watergel explosives. Magnum® Drygel is available in three, appropriately formulated, energy levels. Different diameters and lengths are available for the various applications in the market. The explosive is packed into plastic sleeves across a variety of dimensions.

APPLICATION

Magnum® Control can be used in easy breaking conditions or areas where over break needs to be minimised. Typical applications include, ledging, undercutting, blasting of cubbies or where breaking conditions do not require high energy.

Magnum® Frag can be used where good fragmentation and full face advance is required. Typical applications include narrow reef stoping.

Magnum® Plus can be used in hard breaking conditions where additional energy is required. Typical applications are tunnelling, UG2 stoping and other tough breaking conditions.

Magnum® Drygel products are not for use in underground coal mines.

SPECIAL PRECAUTIONS

Although Magnum® products are not very sensitive to normal stimuli they are powerful explosives and the effects of an accidental detonation can be catastrophic.

- Handle with care
- Keep away from flames, sparks and all sources of ignition
- Keep detonators stored away from explosives
- Damage to the product could lead to misfires
- Consult with AEL Explosives Representative before attempting to destroy old/unwanted products

FEATURES

- Improved rheology compared to conventional Watergel cartridges
- Due to the consistency of the cartridges the product loads and tamps well, even in up-holes
- Magnum® Drygel is designed to provide excellent fragmentation
- The energy partitioning within the offered series of products enables the user to select the appropriate product for the task at hand
- Magnum® Drygel has excellent gap sensitivity
- Good post detonation fume characteristics

STORAGE

- The shelf life of the product is 12 months from the date of manufacture. Legal storage in customers magazine is 6 months
- Store in a segregated, approved, cool, well-ventilated, dry and labelled area
- Keep packaging sealed until ready for use
- Abide by the legal storage requirements for the region
- Always rotate stock-first in, first out (FIFO)

BEST PRACTICE

- Use with AEL 8 D strength detonators
- Always embed detonator charge firmly into at least one-third of the cartridge
- When using detonating cord, a knot in intimate contact with the cartridge is recommended

PRODUCT SERIES

MAGNUM® DRYGEL SERIES

PRODUCT	MAGNUM® CONTROL	MAGNUM®FRAG	MAGNUM® PLUS
Water Resistance	Excellent		
Primer	6 D Detonator		
Density (g/cm³)	1.13-1.20		
Velocity of Detonation (m/s)	2800-4000		
Ideal Delivered Energy (MJ/kg) @ 100 Mpa	2.5-2.7	2.7-2.9	2.8-3.0
*RWS @ 100 Mpa	113-117	120-124	125-129
*RBS @ 100 Mpa	171-175	182-186	189-193

Transport (UN Classification)
Class 1.1D, UN No. 0241, EXPLOSIVE, BLASTING, TYPE E

Magnum® Buster

ZAMBIA

Magnum® Buster is a premium emulsion explosive that is used in commercial blasting operations. The product is used in demanding blasting operations where high VOD and high energy is required. The explosive is packed into plastic sleeves across a variety of dimensions. The cartridge has a firm, putty-like consistency.

APPLICATION

Surface: General surface blasting applications
Underground: Development, Stoping, Shaft Deepening

SPECIAL PRECAUTIONS

Although Magnum® products are not very sensitive to normal stimuli they are powerful explosives and the effects of an accidental detonation can be catastrophic.

- Always Handle with care
- Keep away from all sources of ignition
- Consult with AEL representatives before destroying old/ unwanted products

FEATURES

- Safe to use
- Easy loading
- High performance
- Suitable for use in wet holes
- Stiffness of Magnum® Buster does not lend itself to compaction in the hole
- Waterproof

STORAGE

- The shelf life of the product is 12 months from the date of manufacture (Legal storage is 6 months in customers' magazine)
- Store in a segregated, licensed, cool, well-ventilated, dry and labelled area
- Keep packaging sealed until ready for use
- Abide by the legal storage requirements for the region
- Always rotate stock-first in, first out (FIFO)

BEST PRACTICES

- Use with AEL 8 D strength detonators
- Always embed detonator charge firmly into at least one-third of the cartridge
- When using detonating cord, a knot in intimate contact with the cartridge is recommended
- When using for secondary blasting, ensure that a minimum product layer of 25mm is maintained

PRODUCT SERIES	
MAGNUM® BUSTER-ZAMBIA	
Water Resistance	Excellent
Density (g/cm³)	1.12-1.18
Initiator	6 D Detonator or 8 g/m detonating cord
Velocity of Detonation (m/s) (VOD)	5000-6000
Ideal Delivered Energy (MJ/kg) @ 100 Mpa	2.1–2.5
***RWS @ 100 Mpa**	98–102
***RBS @ 100 Mpa**	142 –146

Transport (UN Classification)
Class 1.1D, UN No. 0241, EXPLOSIVE, BLASTING, TYPE E

SPECIALISED EXPLOSIVES

Magnum®
PB Control 40/60

Magnum® PB Control 40/60 was designed for perimeter control in tunnelling applications. Due to the rigid nature of the unit after the clip is attached, it is easy to load and presents more resistance to ejection during the blast. This ensures that the unit remains in the hole for execution of its purpose, which is to protect the integrity of the sidewall and hanging wall in tunnelling operations. The product is packaged in printed sleeves.

APPLICATION

The cartridge is used in conjunction with the cartridge connector in order to create a firmer unit for loading into blast-holes. Used for perimeter control in underground blasting applications.

SPECIAL PRECAUTIONS

Although Magnum® products are not very sensitive to normal stimuli they are powerful explosives and the effects of an accidental detonation can be catastrophic.

- Always Handle with care
- Keep away from all sources of ignition
- Consult with AEL representatives before destroying old/unwanted products

FEATURES

- Safe to use
- Easy to use connector to attach to other in-line cartridges
- Easy loading
- High performance
- Waterproof

STORAGE

- The shelf life of the product is 12 months from the date of manufacture. Legal storage is 6 months in customers magazine
- Store in a segregated, approved, cool, well- ventilated, dry and labelled area
- Keep packaging sealed until ready for use
- Abide by the legal storage requirements for the region
- Always rotate stock-first in, first out (FIFO)

BEST PRACTICE

- Use with AEL 8 D strength detonators
- Always embed detonator charge firmly into at least one-third of the cartridge
- Use connector to attach other in-line cartridges as well as to firm up the cartridge string for easy insertion into the blast-hole
- When using detonating cord, a knot in intimate contact with the cartridge is recommended

PRODUCT SERIES

MAGNUM® PB CONTROL SERIES

PRODUCT	MAGNUM® PB CONTROL 40	MAGNUM® PB CONTROL 60
Water Resistance	Excellent	
Primer	8 D Detonator	
Density (g/cm³)	1.13-1.20	
Velocity of Detonation (m/s)	>3000	
Ideal Delivered Energy (MJ/kg) @ 100 Mpa	3.3-3.5	3.5-3.7
*RWS @ 100 Mpa	81-85	86-90
*RBS @ 100 Mpa	124-128	132-136

PACKAGING (25 kg GROSS)

DIAMETER (mm)	LENGTH (mm)	CARTRIDGE COUNT PER CASE	CONNECTOR COUNT PER CASE
25	600	51	33

Transport (UN Classification)
Class 1.1D, UN No. 0241, EXPLOSIVE, BLASTING, TYPE E

Splitex®

SPLITEX® is a factory-prepared cartridge explosive for high wall stability blasting in opencast mines and quarries. It consists of a continuous string of Watergel explosives cartridges, with an internal line of detonating cord and an external strainer cord. A Watergel formulation is used as the main explosives charge in SPLITEX® and is available in diameters ranging from 25 to 50 mm.

APPLICATION

Pre-splitting in open cast and quarry environment for high wall stability. Cartridge diameter and string length should match hole-diameter and length in.

SPECIAL PRECAUTIONS

Although Splitex® as a product is not very sensitive to normal stimuli it is a powerful explosive and the effects of an accidental detonation can be catastrophic.

- Always handle explosives with care, and store in safe and dry conditions
- Keep away from any open flame and sources of extreme impact, friction, and heat
- Use as per the agreed code of practice approved by the mine
- Users must always adhere to approved re-entry periods
- All mining precautions for hazardous goods must be followed

FEATURES

- Safe to use
- High velocity of detonation-up to 7000 m/s
- Excellent water resistance
- Cap sensitive explosives cartridges in a continuous length around a string of detonating cord. A strainer line is crimped on the outside to support the weight of the cartridge column.

INITIATION

- The minimum initiator for Splitex® is a 6 D detonator or 5 g/m detonating cord

STORAGE

- The shelf life of the product is 12 months from the date of manufacture, but the regulations require storage of product not to exceed 3 months with manufacturer and not to exceed 3 months with user
- Store in a segregated, approved, cool, well-ventilated, dry and labelled area
- Keep packaging sealed until ready for use
- Abide by the legal storage requirements for the region
- Always rotate stock-first in, first out (FIFO)

BEST PRACTICE

- Use a sharp, smooth blade for cutting the detonating cord
- **Use with AEL 8 D strength detonators**
- **Use correct split factor for optimal results**

PRODUCT SERIES

SPLITEX®

Cartridge Density (g/cm³)	1.18-1.25
Velocity of Detonation (m/s)	6000-7000
Water resistance	Excellent
Ideal Delivered Energy (MJ/kg) @ 100 Mpa	3.2-3.7
*RWS @ 100 Mpa	91-95
*RBS @ 100 Mpa	136-140

PACKAGING (25 kg GROSS)

DIAMETER (mm)	LENGTH (mm)	CARTRIDGE COUNT	COLUMN LENGTH (m)	kg/m
25	585	68	42.00	0.60
32	585	42	25.80	1.00
38	585	31	18.00	1.35
50	585	18	10.80	2.35

Transport (UN Classification)
Class 1.1D, UN No. 0241, EXPLOSIVE, BLASTING, TYPE E

InstaStem™

InstaStem™ cartridges and InstaStem™ boosters are deflagrating gas generators. Causing no shockwave, they are effective in safe breaking of reinforced steel concrete and/or rock. InstaStem™ cartridges are effectively used in mining and civil work within a variety of applications.

APPLICATION

InstaStem™ is a non-detonating, self-stemming rock breaking cartridge that is suitable for both soft and hard rock and concrete breaking. The boosters are suitable for use in conjunction with the cartridges for additional energy, as required. The boosters do not have an initiation system and cannot be used without the cartridges.

SPECIAL PRECAUTIONS

- Do not use InstaStem™ Cartridges without valid and up-to-date User-Training
- Always wear appropriate PPE (Personal Protective Equipment)
- Use only certified "explosives-approved" continuity testers and shot blasters
- Whilst InstaStem™ Cartridges are insensitive to cell phones and walky-talkies, it is good practice to avoid using these items while charging up a drill-hole
- Check site to ensure that no old explosives or previously charged drill-holes are present
- Do not leave the site unattended, or drill-holes unmarked and unplugged, before charging and initiation
- Maintain a safe distance-for all personnel on site-when blasting
- Ensure that the booster touches adjacent cartridge for proper initiation

FEATURES

- Safe to use
- Excellent water resistance
- Accelerates loading time by eliminating the need for stemming
- Allows for continuous operations
- Significant improvement in commodity recovery and yields

SHOCK TUBE ADAPTOR BLASTING CARTRIDGE

This blasting Cartridge provides a flexible solution where an adaptor is provided within the cartridge to enable the end-user to insert a detonator. This will provide a sequential firing capability where the burning front of the shock tube can be used to create initiation intervals. Classified as 1.4S UN 0349, the product can be transported anywhere by passenger plane (in South Africa or abroad), which makes it a quick-delivery solution to secondary breaking and underground blasting applications.

STORAGE

- The shelf life of the product is 18 months from the date of manufacture. See the Safety Data Sheet for more information on storage and handling
- Stacking in magazines and for transportation should be adhered to aligned with local legislation

Transport (UN Classification)
InstaStem™: Class 1.4S, UN No. 0349, Explosives
(Contains a mixture of Ammonium Nitrate and Nitrocellulose)

Generation 1

GENERATION1: FUSE HEAD

GENERATION1: BOOSTER

GENERATION1: DETONATOR READY

The InstaStem™ Generation 1 cartridge contains a self-stemming unit fitted to the top of the cartridge.

TECHNICAL INFORMATION GENERATION 1	
INSTASTEM™	
PROPERTIES	
Density (g/cm³)	1.6
Heat Capacity Ratio	1.2
Velocity of Deflagration (m/s)	360-380
Water Resistance	Excellent
Maximum Pressure (Mpa)	400-420
Specific Energy (joules/g)	c. 4 656
Vibration (Peak Particle Velocity) (mm/s)	<2 at 6 meters

PACKAGING INFORMATION GENERATION 1 (32 mm)

NET QUANTITY (g)	20	40	60	80	100	60 BOOSTER	100 BOOSTER
Gross mass of carton (kg)	19.6	19.6	19.6	19.6	17.7	19.6	17.7
Net explosive weight per cartridge (g)	18-22	38-42	58-62	78-82	98-102	58-62	98-102
Quantity of cartridges	120	100	90	80	60	100	100

Generation 3

GENERATION3: FUSE HEAD

GENERATION3: SERIES

GENERATION3: DETONATOR READY

The InstaStem™ Generation 3 cartridge contains a safety switch as an added safety precaution to ensure that unless in the "Fire" position, initiation cannot take place. This is not relevant to the detonator ready unit.

TECHNICAL INFORMATION GENERATION 3	
INSTASTEM™	
Properties	
Density (g/cm³)	1.1
Heat Capacity Ratio	1.2
Velocity of Deflagration (m/s)	330-360
Water Resistance	Excellent
Maximum Pressure (Mpa)	400-500
Specific Energy (joules/g)	c. 5121
Vibration (Peak Particle Velocity) (mm/s)	<2 at 6 meters

ADDITIONAL INFORMATION GENERATION 3

NET QUANTITY (g)	3	6	20	30	40	60	100	180
Diameter (mm)	9	9	17	17	17	35	35	35
Maximum Drill bit (mm)	10	10	20	20	20	40	40	40
Quantity of Cartridges	150	150	100	100	100	90	90	70

NET QUANTITY (g)	300	200	350	550	500	700	1000	1700
Diameter (mm)	35	43	43	43	60	60	87	87
Maximum Drill bit (mm)	40	50	50	50	67	67	94	94
Quantity of Cartridges	50	50	35	30	20	20	8	8

Anfex®

Anfex® is a free-flowing, granular type explosive with off-white to beige colour. The Anfex® prills offer characteristics that are optimised to provide a low friability (<2 %) and keep their integrity while being pour-loaded. Anfex® fuel ratios are carefully controlled and provide the optimum chemical balance for good post detonation fume characteristics.

APPLICATION

Anfex® can be used in both surface and underground (Development and Stoping) operations, but only in dry conditions. Anfex® is NOT for use in underground coal mines. Anfex® can be poured into down holes or pneumatically loaded into horizontal or vertical holes.

FEATURES

- Safe handling thanks to low sensitivity to friction, impact and shock
- Improved flowability thanks to a special anti-caking agent
- Low friability guarantee of the structural integrity of the prill which is maintained when subjected to the rigors of transport and storage
- Cost effective
- Misfires can be safely washed out with water

STORAGE

- Technical Grade Ammonium Nitrate prills are highly hygroscopic, and therefore, Anfex® must be stored in a dry, controlled environment with the bags kept in tact
- Temperature should be kept below 32 °C
- Anfex® must be stored in a well-ventilated explosives magazine
- Product should be kept in original packaging
- Detonators should be stored away from explosives

SPECIAL PRECAUTIONS

- Although Anfex® is not very sensitive to normal stimuli they are powerful explosives and the effects of an accidental detonation can be catastrophic
- Handle with care
- Do not use with Detonating cord
- Keep away from all sources of ignition
- Static Electricity can be generated while pneumatically loading Anfex®. The pneumatic loader and conductive hoses must always be earthed and detonators that are sensitive to electrostatic discharge should not be used

BEST PRACTICE

- Always prime with largest initiator possible
- Pneumatically loaded ANFO can be primed with a high strength detonator, booster or an explosive cartridge

PRODUCT SERIES

ANFEX®

PRODUCT	ANFEX® PNUEMATICALLY LOADED	ANFEX® POUR LOADED
Water Resistance	None	
Primer	8 D Detonator	150 g Pentolite primer
Density (g/cm³)	0.90-1.05	0.78-0.82
Velocity of Detonation (m/s)	2500-3500	
Ideal Delivered Energy (MJ/kg) @ 100 Mpa	2.5-2.7	2.3-2.5
*RWS @ 100 Mpa	111-115	100
*RBS @ 100 Mpa	140-144	100

PACKAGING

Anfex® is packaged in a 25 kg plastic bag that contains four 6.25 kg “multibags”.

Transport (UN Classification)
Class 1.1D, UN No. 0082, EXPLOSIVE, BLASTING, TYPE B

Cone-Pak®

The Cone-Pak® is a cone or bell-shaped plastic cup, with a lid, containing an emulsion explosive. Most Cone-Pak® products are fitted with a length of Cordtex® protruding from the apex of the cone for quick attachment of a length of Cordtex® or a 6 D detonator for easy initiation.

APPLICATION

Cone-Pak® products are used in secondary blasting in both underground and surface applications. Cone-Pak® products are NOT for use in coal mines or under fiery conditions.

FEATURES

- Units are pre-assembled and ready for use
- Cone-Pak® products are designed to be directional and offer a degree of controlled blasting. When used correctly blasting damage can be limited, as the explosive force is directed into the rock, with a minimum of energy escaping in any other direction. This limits the damage to underground installations
- The emulsion is tacky enough, to enable CP 1, CP 1-S, CP 3 and CP 3-S to stick to dry vertical or overhanging surfaces, after removal of the lid and protective layer
- Quick and easy connections
- Multi-blasting is possible by inserting detonating cord into the connector, or by folding it and inserting it into the emulsion
- Good contact between rock and emulsion is ensured by pushing the cone firmly onto the rock

SPECIAL PRECAUTIONS

- Although the emulsion in Cone-Pak® products is not very sensitive to normal stimuli, it is a powerful explosive and the effects of an accidental detonation can be catastrophic
- Handle with care
- Keep away from all sources of ignition
- Although Cone-Pak® does not burn easily it must be kept clear of flames and intense heat
- Do not use extreme force when inserting the detonator or the detonating cord into the cone
- Do not remove explosive from the Cone-Pak®
- Damage to the product could lead to misfires

STORAGE

- The shelf life of the product is 12 months from the date of manufacture
- Store in a segregated, approved, cool, well-ventilated, dry and labelled area
- Keep packaging sealed until ready for use
- Abide by the legal storage requirements for the region
- Always rotate stock-first in, first out (FIFO)

PRODUCT SERIES	
CONE-PAK®	
PRODUCT CODE	**PER UNIT (kg)**
CP 1 and CP 1-S*	0.1
CP 3 and CP 3-S*	0.3
CP 10	1
CP 15	1.5
CP 25	2.5
CP 40	4

PACKAGING			
PRODUCT	**UNIT COUNT**	**BOX DIMENSIONS (mm)**	**GROSS WEIGHT (kg)**
CP 1	100	440 x 328 x 284	15
CP 1-S	100	1160 x 220 x 220	15
CP 3	50	1780 x 225 x 225	19
CP 3-S	50	1780 x 225 x 225	19
CP 10	20	1780 x 225 x 225	26
CP 15	12	1780 x 225 x 225	22
CP 25	7	1780 x 225 x 225	22
CP 40	4	1780 x 225 x 225	26

Transport (UN Classification)
Cone-Pak®: Class 1.1D, UN No. 0241, Explosives, Blasting, Type E

Initiation
The minimum initiator for Cone-Pak® is a 6 D detonator or 10 g/m detonating cord

Compatibility Matrix

PACKAGED AND SPECIALISED EXPLOSIVES

DONOR	MAGNUM® BUSTER	MAGNUM® CONTROL	MAGNUM® FRAG	MAGNUM® PLUS	MAGNUM® BUSTER GEL	MAGNUM® 365 GEL	ANFEX®	MAGNUM® PB CONTROL	SPLITEX®
Magnum® Buster	X	X	X	X	X	X	X	X	X
Magnum® Control	X	X	X	X	X	X	X	X	X
Magnum® Frag	X	X	X	X	X	X	X	X	X
Magnum® Plus	X	X	X	X	X	X	X	X	X
Magnum® Buster Gel	X	X	X	X	X	X	X	X	X
Magnum® 365 Gel	X	X	X	X	X	X	X	X	X
Anfex®	X	X	X	X	X	X	X	X	X
Magnum® PB Control	X	X	X	X	X	X	X	X	X
Splitex®	X	X	X	X	X	X	X	X	X
Shock Tube Uni-Delay LP	X	X	X	X	X	X	BLD*	X	X
Shock Tube Multi LPD	X	X	X	X	X	X	BLD*	X	X
Shock Tube Multi SPD	X	X	X	X	X	X	BLD*	X	X
Electronic Delay Detonators-DigiShot®	X	X	X	X	X	X	BLD*	X	X
Instantaneous Electric Detonator (IED)	X	X	X	X	X	X		X	X
Power Cord® 8	X	X	X	X	X	X		X	X
Power Cord® 10	X	X	X	X	X	X		X	X
Pentolite Primers	X	X	X	X	X	X	X	X	X

* BLD = Blow Loaded