



JOHNEX explosives

EZICHARGE®

JOHNEX EZICHARGE® is a one-piece custom length bright yellow semi rigid coiled charge designed for rapid charging of lifters, wet faces and stripping in underground mines.

APPLICATION

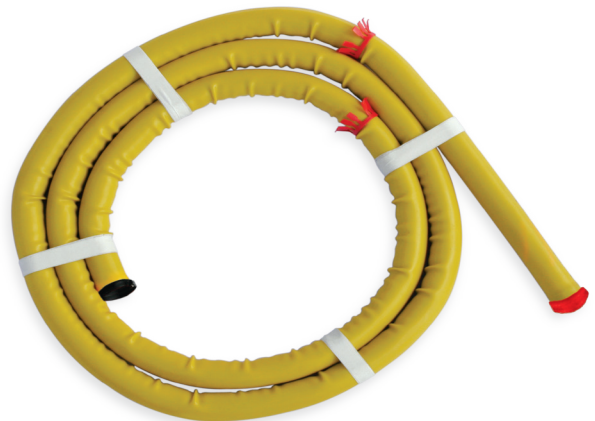
Specifically designed as a waterproof lifter charge to be used in development headings or stripping.

FEATURES AND BENEFITS

- Cost effective replacement for cartridged products in wet boreholes
- Charging time is reduced by up to 50%
- One-piece coil eliminates misfires caused by gapping
- Retrievable one-piece coil eliminates lost holes caused by jammed cartridges
- Oxygen balanced explosive (no nitroglycerine)
- Prefitted AutoStem SPIDER®s eliminate the need for stemming
- Waterproof
- No primer required
- Vastly superior shelf life to comparable lifter products
- Customised charges are manufactured to suit individual borehole depths
- 22-33% increased charging capacity per 25kg case than cartridged products
- Available in reactive ground formulation

PHYSICAL PROPERTIES

PRODUCT	NOMINAL DENSITY (g/cm ³)	ACTUAL LENGTH (m)	TO SUIT BORE HOLE DEPTH (m)	DIAMETER (mm)	VOD (m/s)
EZICHARGE® 240	1.04	2.4	2.8	32	6500-7000
EZICHARGE® 312	1.04	2.8	3.1	32	6500-7000
EZICHARGE® 330	1.04	3.2	3.5	32	6500-7000
EZICHARGE® 378	1.04	3.5	3.8	32	6500-7000
EZICHARGE® 456	1.04	4.1	4.5	32	6500-7000
EZICHARGE® 530	1.04	5.1	6.0	32	6500-7000
Relative Weight Strength: 139%*					
Relative Bulk Strength: 141%*					
Explosive Class: 1.1D UN Number: 0082					



*Relative Weight Strength and Relative Bulk Strength are calculated using an in-house Thermodynamic code. This traditional way of calculating energy is directly related to density and does not take into account the distribution of energy.

STANDARD PACKAGING

PRODUCT	COILS PER BOX	WEIGHT (kg)	BOXES PER PALLET
EZICHARGE® 240	12	25kg	16
EZICHARGE® 312	10	25kg	16
EZICHARGE® 330	9	25kg	20
EZICHARGE® 378	8	25kg	20
EZICHARGE® 456	7	25kg	20
EZICHARGE® 530	5	25kg	20
Other lengths available on contract			

STORAGE AND HANDLING

EZICHARGE® should be stored in a cool, dry, explosives magazine licensed for Class 1.1D explosives.

SHELF LIFE

EZICHARGE® has a recommended shelf life of ten (10) years when stored as per AS2187.1.

SAFETY

Although EZICHARGE® is oxygen balanced, users should ensure that adequate ventilation is provided prior to re-entry to the blast site. As with all explosives, EZICHARGE® can be initiated by shock, friction or mechanical impact and should thus be handled and stored with care.

For more information please consult the Material Safety Data Sheet.

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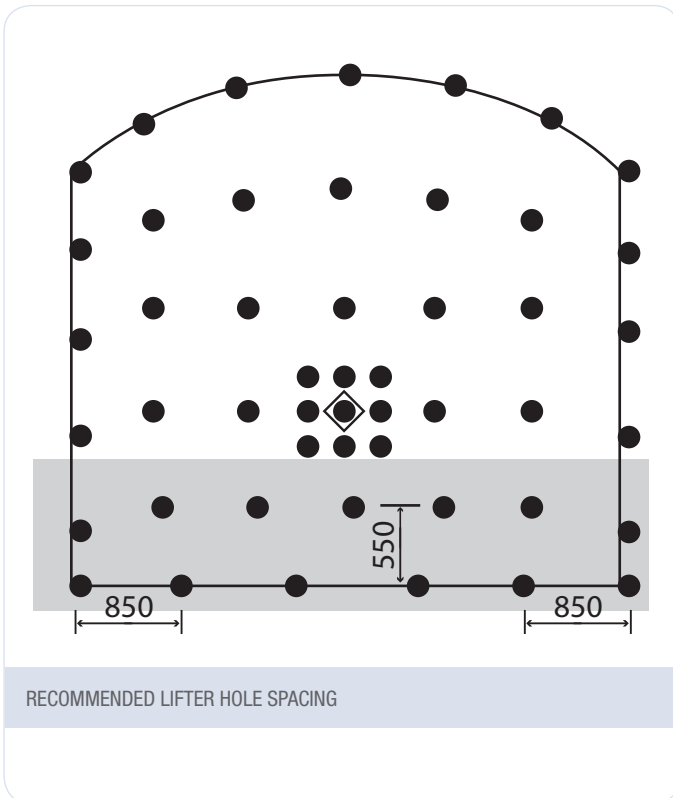
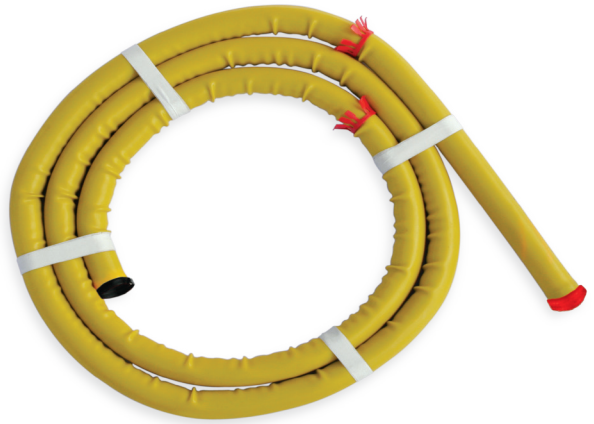
ADDITIONAL INFORMATION

Recommended Lifter Spacing 800-900mm

Recommended Knee Hole Burden 500-600mm

Recommended Burden Hole Collar 600-700mm

Boreholes must be cleaned out with air pressure prior to charging. All lifter holes should be fired with the same number detonator.



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