



# 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

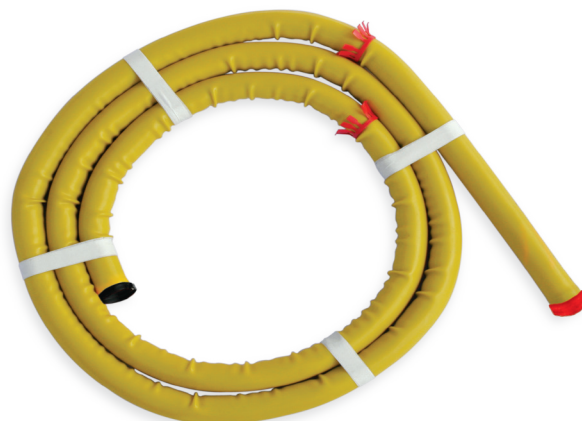
Specifically designed as a waterproof lifter charge to be used in development headings or stripping.

### 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 <sup>3</sup> )	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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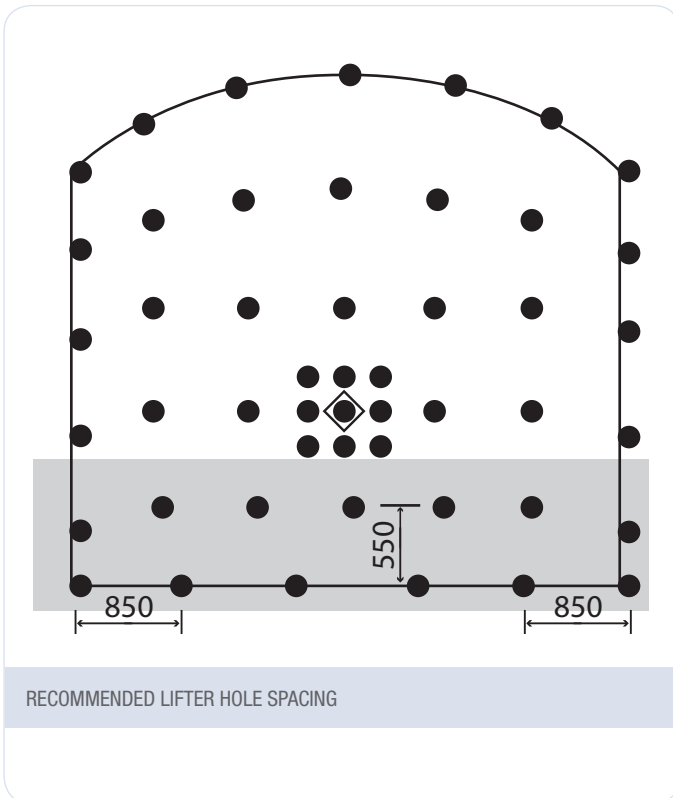
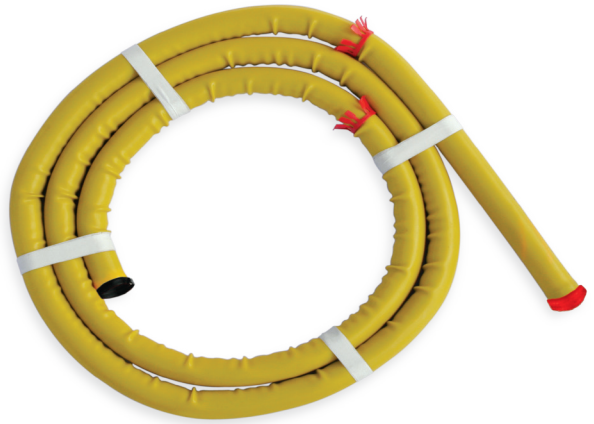
### ADDITIONAL INFORMATION

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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