



MEGASPLIT®, MEGASPLIT® RG Continuous Pre-Split Product

JOHNEX MEGASPLIT® is a pre-split watergel explosive presented in a continuous cartridge internally traced with detonating cord. Specifically designed for perimeter blasting in open pit applications.

APPLICATION

MEGASPLIT® is specifically designed for use in pre-split blasting and delivering smooth walls and a safer controlled blast. It is most suited to hard rock operations where smaller diameter holes are drilled.

MEGASPLIT® RG is suitable for use in reactive ground. A formulation to suit this application can be made on request.

FEATURES AND BENEFITS

- The continuous cartridge allows for decoupling of the explosives from the rockface by suspension in the hole and is quicker to load.
- The internally traced Detonating cord provides a high VOD with low volumes of gas being generated making it perfectly suited to the design requirements of a pre-split shot.
- Precision blasting provides improved safety with regard to ground control and reduces potential rockfall.
- Oxygen balanced explosive
- High weight strength allows increased borehole spacing and reduces drilling costs.
- Internal detonating cord ensures continuity of detonation
- MEGASPLIT® has exceptional water resistance, diminishing nitrate leeching into the ground and the subsequent environmental impact.
- MEGASPLIT® is reliably initiated by No. 8 strength detonator or its own detonating cord.

PHYSICAL PROPERTIES

Explosive Type	WATERGEL
Nominal Density (g/cm ³)	1.15
Velocity of Detonation (m/s)	
Watergel	4300
Detonating Cord	6500
* VOD of product is dependent on VOD of detonating cord	
Explosive Class: 1.1D	UN Number: 0241
Relative Weight Strength*	121%
Relative Bulk Strength*	183%

* 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 GUIDELINES

Product	Diameter (mm)	Charge (kg/m)	Quantity (m/case)	Case Weight (kg)
MEGASPLIT® 26	26	0.6	27.0	19
MEGASPLIT® 32	32	0.9	17.6	19

(Variations available on special order.)

STORAGE AND HANDLING

Store in a clean well ventilated & dry magazine licensed for Class 1 Explosives.

SHELF LIFE

Detonator Sensitive:

MEGASPLIT® has a minimum shelf life of 18 months*

Booster Sensitive:

MEGASPLIT® has a minimum shelf life of 24 months*

Best Before date should be considered 12 Months

*When stored as per AS2187.1.

SAFETY

MEGASPLIT® while relatively insensitive to accidental initiation by shock, friction or mechanical impact, should be handled with due care appropriate to a detonator sensitive explosive. MEGASPLIT® should be handled by personnel qualified under state law (i.e. shotfirers). MEGASPLIT® should not be used in hot holes or in applications of known reactive ground. For these conditions, MEGASPLIT® RG can be tailored to suit specific conditions.

For more information please consult the Safety Data Sheet.

JOHNEX
explosives
AUSTRALIA'S EXPLOSIVES INNOVATORS
MEGASPLIT®
EXPLOSIVE BLASTING TYPE E
UN No. 0241
UN4G/Y28/S/2013/AUS/VB3832

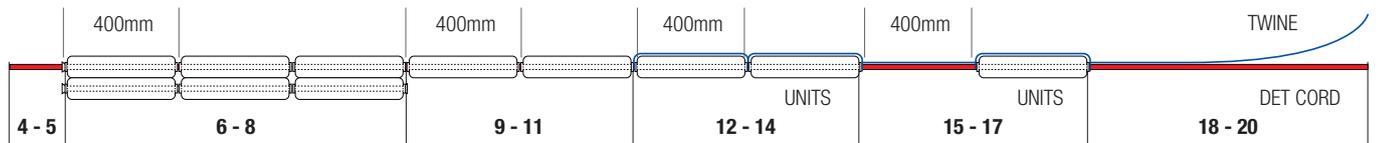
MEGASPLIT® Continuous Pre-Split Product



ORDERING INFORMATION

A complete code contains 20 digits. The first 2 digits are for JOHNEX internal use.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
-	-																			



KEY TO CODES

3: Product identification

P - MEGASPLIT standard
R - MEGASPLIT Reactive Ground
H - MEGASPLIT High Shock

4 - 5: Bottom length of det cord (tail)

- Decimetre (10cm) units

6 - 8: Base charge, "doubled up"

- Number of unit lengths of 400mm units in double configuration

A - 26mm Ø
B - 32mm Ø
C - 45mm Ø
X - Not required

9 - 11: Base charge, single

- Number of unit lengths of 400mm units

A - 26mm Ø
B - 32mm Ø
C - 45mm Ø
X - Not required

12 - 14: Continuous column length

- Number of unit lengths of 400mm units

A - 26mm Ø
B - 32mm Ø
C - 45mm Ø
D - 26mm Ø, with twine
E - 32mm Ø, with twine
F - 45mm Ø, with twine
X - Not required

NOTE: The addition of twine will be 1.2m longer than the remaining length to end of det cord Lead-in.

15 - 17: Single space column length

- Number of unit lengths of 800mm units

A - 26mm Ø
B - 32mm Ø
C - 45mm Ø
D - 26mm Ø, with twine
E - 32mm Ø, with twine
F - 45mm Ø, with twine
G - 26mm Ø, 400mm units
H - 32mm Ø, 400mm units
J - 45mm Ø, 400mm units
K - 26mm Ø, 400mm units with twine
L - 32mm Ø, 400mm units with twine
M - 45mm Ø, 400mm units with twine
X - Not required

NOTE: The addition of twine will be 1.2m longer than the remaining length to end of det cord Lead-in.

18 - 20: Remaining length of det cord lead-in

- Decimetre (10cm) units