



# Senatel™ Powerfrag™

HIGH ENERGY, HIGH HEAVE, HIGH PERFORMANCE

Senatel™ Powerfrag™ packaged emulsion explosive is a high strength, detonator sensitive explosive. Designed for priming and medium density column applications, Senatel™ Powerfrag™ is a robust, water resistant explosive for use in both surface and underground mining.



## SIZES

Senatel™ Powerfrag™ is available in seven convenient sizes to suit your application:

Diameter	Length
32 mm	200 mm
32 mm	700 mm
45 mm	400 mm
55 mm	300 mm
65 mm	300 mm
80 mm	400 mm

For further Technical information, please visit [orica.com](http://orica.com) to download the Senatel™ Powerfrag™ Technical Data Sheet or contact your local Orica representative.

## FEATURES AND BENEFITS

### Energy

The high bulk and weight strength of Senatel™ Powerfrag™ provides the high shock and heave energy required in surface and underground mining applications.

Relative Weight Strength	121%*
Relative Bulk Strength	183%*

\* Compared to 0.8 g/cc ANFO  
Energies quoted are based on ideal detonation calculations with a 100MPa cut off pressure.

### Sensitivity

Senatel™ Powerfrag™ delivers high resistance to dynamic desensitisation, enabling the product to better withstand the effects of adjacent detonations.

### Chemical Composition

Senatel™ Powerfrag™ is a robust, chemically stable product, designed to deliver reliable performance and a safer working environment.

### Handling

Senatel™ Powerfrag™ is easy to use and its firm consistency results in fast loading of blastholes.

### Packaging

The packaging film of Senatel™ Powerfrag™ provides strength when loading. For improved blast performance Senatel™ Powerfrag™ can be tamped to increase explosive coupling in the blasthole. Excellent water resistance and long sleep time in wet blastholes is achieved through a combination of formulation and packaging.

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