



# Pentex™ D

## SIMPLICITY AND PRECISION FOR UNDERGROUND TUNNELLING AND DEVELOPMENT

Pentex™ D is a high explosive composition booster cast into a plastic shell. Pentex™ D has a high density and high velocity of detonation to maximise performance. Designed to be used in conjunction with Hypercharge™ units, the booster fits into a specially designed applicator. The unique design features of the device facilitate ease of loading, placement of the unit at the toe of the blasthole and the secure attachment of a detonator.

### FEATURES AND BENEFITS

#### Safety

- Highly visible and distinctive colouring for identification.
- Minimises stretching and straining while inserting primers into blastholes.
- Positive detonator retention to minimise potential misfires.
- Applicator facilitates primer location into blast toe.
- Low package weight for improved manual handling.
- Shelf life of five years.

#### Ease of Use

- No mess booster placement in blast hole.
- Rapid deployment from box to face.
- High package density to minimise storage space and aid transportation.
- Case size designed to easily fit in the loading basket, providing superior carrying capacity without overcrowding of product.



#### Performance

- Improved initiation reliability.
- Displaces water down hole allowing best coupling of primer with explosive column.
- Improved toe breakage and overall pull whilst not unduly damaging the collar of the next face.
- Positive deployment to the toe combined with the applicator reduces butts, resulting in less rework and improved cycle times.

- Specially designed and fit for purpose booster to be used with pumped emulsion system like Hypercharge™ Drive.

### PRODUCT TECHNICAL PROPERTIES

Pentex™ D has nominal diameter of 21 mm, nominal length of 138 mm, nominal mass of 25 g and a VoD of 7.2 km/sec. A case contains 150 pieces including an applicator.

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

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