



# NONEL<sup>®</sup> LP 1.4B

## Technical Information



### Application Recommendations (continued)

- **ALWAYS** ensure the shock tube is connected at right angles to the detonating cord trunkline and that the shock tube leads returning to the hole collar do not cross over or lay near any detonating cord trunkline. If the detonating cord touches the shock tube or is closer than 6 inches (15 cm), the shock tube may be damaged and misfires may result.
- **ALWAYS** connect detonating cord using approved knots and tight connections. Place detonating cord hook-ups in closed loops and use with cross-ties.
- **NEVER** put more than 20 NONEL LP delays per bunch. A minimum 5 g/m (25 gr/ft) detonating cord is required for bunch blasting.
- **NEVER** cut or trim seals from the shock tube of a NONEL LP delay. If shock tubing is cut or is suspected of being cut or damaged during loading, always reprime the borehole using a new unit of the same delay period.
- **NEVER** drive any equipment over the shock tube or detonating cord. Whenever charging from a maneuverable basket, platform or boom, always make sure that no shock tube or detonating cord is entangled or can become entangled.
- **ALWAYS** make sure that no shock tube or detonating cord can be pinched between the basket, platform or boom and the face, ribs, back or floor. Rupturing or damaging shock tube or detonating cord may cause misfires.
- Where NONEL LP detonator lead lengths permit, bunch blasting provides the most efficient means of hooking up rounds in drifts, tunnels, shafts and raises.

### Transportation, Storage and Handling

- NONEL LP must be transported, stored, handled and used in conformity with all federal, state, provincial and local laws and regulations.
- For maximum shelf life (3 years), NONEL LP must be stored in a cool, dry, well ventilated magazine. Explosive inventory should be rotated. Avoid using new materials before the old. For recommended good practices in transporting, storing, handling and using this product, see the booklet "Prevention of Accidents in the Use of Explosive Materials" packed inside each case and the Safety Library Publications of the Institute of Makers of Explosives.

### Packaging

Length		Case Type	Quantity / Case	
m	ft		case	subpack
3.5	12	D	120	60
4.5	16	D	90	45
6	20	D	90	45
7	24	D	90	45

- Length rounded to nearest one-half meter.
- Case weight varies by length & delay; see case label for exact weight.

### Case Dimensions

#### Detpak (D)

subpack	44 x 22 x 25 cm	17 ½ x 8 ¾ x 10 in
strapped case	44 x 45 x 25 cm	17 ½ x 17 ¾ x 10 in

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