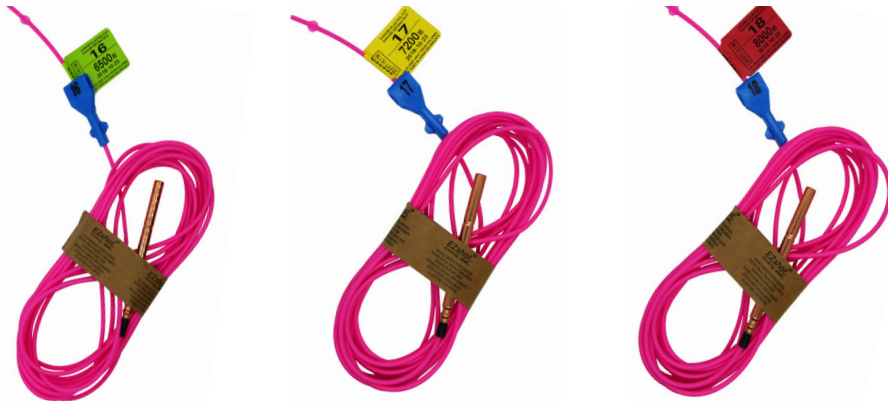


Electronic Initiation System LP Series



Product Description

EZshot[®] is the newest addition to Dyno Nobel's electronic initiation system portfolio. This exciting technology offers users the benefits of electronic precision and accuracy with the ease of use of NONEL shock tube in a unique initiation system. The EZshot LP detonator series is a high strength detonator in a heavy walled copper shell integrated with a pink heavy duty shock tube. Each EZshot LP has a color coded period tags for easy identification and connection to the detonating cord trunkline.

EZshot LP's are designed for long delay period underground development or tunnel blasting applications. They offer practical benefits for perimeter holes by replacing pyrotechnic delays with electronics precision and accuracy.

Application Recommendations

For detailed application recommendations, **ALWAYS** request a copy of Dyno Nobel's *Product Manual* from your Dyno Nobel representative.

- **ALWAYS** use the plastic J-Hook when using a detonating cord trunkline to tie-in EZshot LP electronic delay detonators. A minimum 3 g/m (18 gr/ft) detonating cord trunk line is required for use with J-Hook.

Application Recommendations (continued)

- **ALWAYS** ensure the shock tube is connected at right angles to the detonating cord

Properties

SDS
####

| | |
|---|-------------------------------|
| Detonator Shell | Copper |
| LP Shock Tube Color | Pink—Heavy Duty Tube |
| System Operating Temperature (range) | -20° to +65°C / -4° to +149°F |
| Detonator Strength | #12 |
| Net Explosive Quantity (per 100 units) | 0.0885 kg / 0.1951 lbs |

| Period / Delay Time (msec) | Product Code* | Period Tag | Period / Delay Time (msec) | Product Code* | Period Tag |
|----------------------------|---------------|------------|----------------------------|---------------|------------|
| 3 / 1100 | YLPN0003xfff | Orange | 11 / 3900 | YLPN0011xfff | Yellow |
| 4 / 1400 | YLPN0004xfff | Green | 12 / 4400 | YLPN0012xfff | Red |
| 5 / 1700 | YLPN0005xfff | Yellow | 13 / 4900 | YLPN0013xfff | White |
| 6 / 2000 | YLPN0006xfff | Red | 14 / 5400 | YLPN0014xfff | Light Blue |
| 7 / 2300 | YLPN0007xfff | White | 15 / 5900 | YLPN0015xfff | Orange |
| 8 / 2700 | YLPN0008xfff | Light Blue | 16 / 6500 | YLPN0016xfff | Green |
| 9 / 3100 | YLPN0009xfff | Orange | 17 / 7200 | YLPN0017xfff | Yellow |
| 10 / 3500 | YLPN0010xfff | Green | 18 / 8000 | YLPN0018xfff | Red |

*Product Code:

x classification: 1 = 1.1B
4 = 1.4B
fff = product length in ft

Hazardous Shipping Description

Detonator assemblies, nonelectric, 1.1B, UN 0360
Detonator assemblies, nonelectric, 1.4B, UN 0361



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 in (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.

Customer Benefits

- **Electronic precision and accuracy** is particularly beneficial in perimeter holes helping to significantly reducing over-break. This leads to scaling benefits and reduced mucking and haul loss costs, which can significantly reduce development on tunneling costs.
- **Easy to use** system because the hook-up is EXACTLY the same as NONEL LP detonator to detonating cord trunklines.
- **Virtually no training** needed since the product is connected just as NONEL. Current NONEL users can seamlessly begin using EZshot detonator systems. This system allows for electronics to be placed where the timing is the most beneficial in the perimeter holes. NONEL LP with low delay periods can be used in the interior holes.

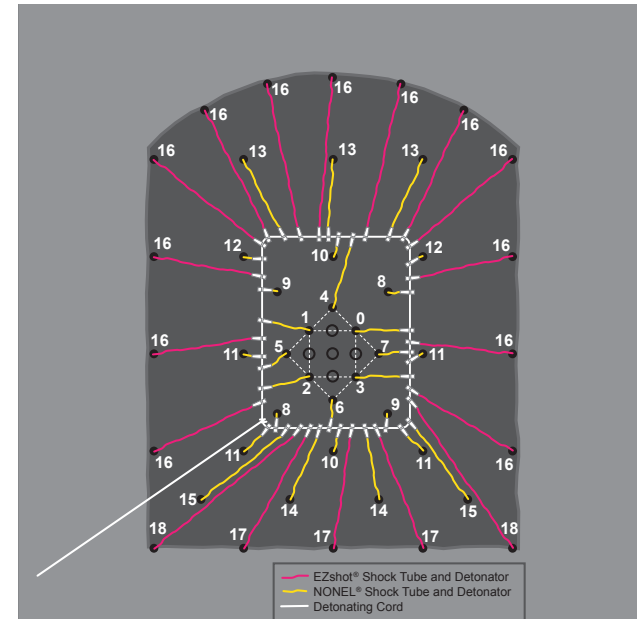
Packaging

| Product Code* | Length | | Shipping Class | Coil Configuration | Quantity / Case |
|---------------|--------|----|----------------|--------------------|-----------------|
| | m | ft | | | |
| YLPN00pp1016 | 4.9 | 16 | 1.1B | DetPak | 90 |
| YLPN00pp4016 | 4.9 | 16 | 1.4B | DetPak | 60 |
| YLPN00pp1020 | 6.1 | 20 | 1.1B | DetPak | 75 |
| YLPN00pp4020 | 6.1 | 20 | 1.4B | DetPak | 45 |

* Product code *pp* = period number

Transportation, Storage and Handling

- EZshot 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), EZshot 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.



Case Dimensions

44 x 22 x 25 cm 17.32 x 8.66 x 9.84 in

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