PRIMALINE®

Detonating Cord

Product Description
PRIMALINE detonating cords are flexible linear explosives with a core of PETN explosive encased in a plastic outer jacket. PRIMALINE detonating cords are designed for use as trunklines and/or downlines in abrasive mining, quarrying and construction applications.

Application Recommendations
- ALWAYS cut detonating cord with a sharp, non-sparking knife.
- NEVER attempt to cut detonating cords by abrasion or with a blow from a sharp or blunt object.
- ALWAYS use square knots to extend/join detonating cords that will propagate self-to-self. When connecting downlines to trunklines, always use a clove hitch knot and keep incoming and outgoing cords at right angles to avoid possibility of cut-offs.
- NEVER join PRIMACORD 1, 2 and 3 together with knots because it will not propagate self-to-self.
- ALWAYS use a detonating cord product, such as PRIMACORD 4Y or 4R or detonating cord with a greater explosive coreload as a trunkline to initiate PRIMACORD 1, 2 or 3.
- ALWAYS use a double wrap clove hitch knot to connect PRIMACORD 1, 2 and 3 detonating cord to the trunkline cord.
- NEVER allow trunklines and/or downlines to cross.

Transportation, Storage and Handling
- PRIMALINE must be transported, stored, handled and used in conformity with all federal, state, provincial and local laws and regulations.
- For maximum shelf life (5 years), PRIMALINE 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.
- Minimum recommended initiating detonator is a No. 8 strength.
- Minimum recommended cord initiator is a 3.6 g/m (18 gr/ft) detonating cord, such as PRIMACORD 4Y or 4R, or another detonating cord with an equal or greater explosive coreload.

Hazardous Shipping Description
Cord, Detonating, 1.1D, UN 0065, II EX 1992020035

See Product Disclaimer on page 2.
# Technical Information

## Product Disclaimer
Dyno Nobel Inc. and its subsidiaries disclaim any warranties with respect to this product, the safety or suitability thereof, or the results to be obtained, whether express or implied, INCLUDING WITHOUT LIMITATION, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE AND/OR OTHER WARRANTY. Buyers and users assume all risk, responsibility and liability whatsoever from any and all injuries (including death), losses, or damages to persons or property arising from the use of this product. Under no circumstances shall Dyno Nobel Inc. or any of its subsidiaries be liable for special, consequential or incidental damages or for anticipated loss of profits.

## PRIMALINE®

### Packaging

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Product</th>
<th>PETN Coreload (nominal)*</th>
<th>Outside Diameter*</th>
<th>Tensile Strength*</th>
<th>Color / Counter</th>
<th>Weight / Case*</th>
<th>Spools / case</th>
<th>Length / Spool*</th>
<th>Net Explosives Content (NEC)* / 1000 ft</th>
<th>Velocity of Detonation (minimum) m / sec</th>
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<td>PRIMALINE 4D</td>
<td>3.6 18 3.23 0.13 68 150 Pink</td>
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* All weights and dimensions are approximate

**Notes:**
1. Higher coreload detonating cords may be available.
2. Alternative packaging is available for some products.

**Please contact your Dyno Nobel representative for details.**