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.
- **CE** 0589

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

See Page 2 for PRIMALINE Detonating Cord properties

- 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.
## 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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</thead>
<tbody>
<tr>
<td>AF19045</td>
<td>PRIMALINE 4D</td>
<td>3.6</td>
<td>18</td>
<td>3.23</td>
<td>0.13</td>
<td>68</td>
<td>150</td>
<td>Pink</td>
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<td>4 / 153 / 500</td>
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<td>18</td>
<td>3.05</td>
<td>0.12</td>
<td>45</td>
<td>100</td>
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<td>25</td>
<td>3.58</td>
<td>0.14</td>
<td>50</td>
<td>110</td>
<td>Orange / Wax Coating</td>
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<td>3.99</td>
<td>0.16</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.

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