PRIMASHEAR™

Linear Explosive

Product Description
PRIMASHEAR is a low velocity, linear explosive designed for downhole use in dimension stone splitting and shearing applications. The lower detonation pressure and velocity of PRIMASHEAR allow the user to reduce crack generation between closely spaced holes, resulting in reduced radial cracking as well as improved rock displacement.

Application Recommendations
• ALWAYS use a minimum 5.3 g/m (25 gr/ft) detonating cord trunkline, such as PRIMACORD 5 detonating cord as a trunkline to initiate PRIMASHEAR.
• ALWAYS cut PRIMASHEAR linear explosives with a sharp, non-sparking knife.
• ALWAYS use a clove hitch knot when connecting PRIMASHEAR downlines to trunklines and ALWAYS use a continuous length of PRIMASHEAR in the borehole.
• NEVER attempt to cut PRIMASHEAR linear explosive by abrasion or with a blow from a sharp or blunt object.
• NEVER attempt to initiate shock tube or other initiation products (i.e. detonating cords) with PRIMASHEAR linear explosives. NEVER use PRIMASHEAR as a trunkline.

Velocity of Detonation (m/s) 5,000 (ft/s) 16,400
Detonation Pressure (psi) 600,000

See page 2 for further PRIMASHEAR linear explosive properties.

• NEVER tie two lengths of PRIMASHEAR together. Reliable initiation cannot be assured through such a connection.
• Minimum recommended cord initiator is a 5.3 g/m (25 gr/ft) detonating cord, such as PRIMACORD 5, or another detonating cord with an equal explosive coreload.

Transportation, Storage and Handling
• PRIMASHEAR 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), PRIMASHEAR 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.

Hazardous Shipping Description
Cord, Detonating, 1.1D, UN 0065, PG II
# PRIMASHEAR™

## Technical Information

### Packaging

<table>
<thead>
<tr>
<th>Product</th>
<th>PETN Coreload</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>
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<tr>
<td></td>
<td>g/m</td>
<td>gr/ft</td>
<td>mm</td>
<td>in</td>
<td>kg</td>
<td>lbs</td>
<td>kg</td>
<td>lbs</td>
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