**FireLine™ 17/80 RDX LS XHV**

Oil Field Detonating Cord

**Product Description**

**FireLine** 17/80 RDX LS XHV is a special process RDX FireLine designed for use in “High Shot Density” perforating systems where charge interference may be of concern. This product employs “shrinkage resistant” construction materials with a higher nominal velocity of detonation (+13% nominal VOD) than the standard RDX LS cord. A flexible nylon jacket facilitates easier installation in the newer combination (wireline and/or TLP) high shot density systems that employ charge alignment deviations. Recommended for service application within normal RDX operating ranges (see graph below).

**Temperature Range**

The temperatures listed are maximum values. DO NOT EXCEED.

![Temperature Graph]

- Explosive Core Load: 17 g/m (60 gr/ft) nominal
- Detonation Velocity: 15.3 g/m (72 gr/ft) minimum
- Shrinkage: 8000 m/s (22,304 ft/s) nominal
- Jacket Thickness: 7500 m/s (20,992 ft/s) minimum
- Dimensions: 0.20 mm (0.008 in) nominal
- Lap Joint Sensitive: Yes
- Product Code: A570010
- Cord Components: RDX explosive core (dyed pink) / Shrink resistant braid (yellow/gold) / Nylon jacket (black)

- **Temperature resistance** is based upon the manufacturer's laboratory tests in air, at ambient pressure only.
- **Shrinkage** is defined as the overall decrease in length.
- **Velocity** was tested unconfined, at ambient pressure, and after "cool down."

**Hazardous Shipping Description**

Cord, Detonating, 1.1D, UN 0065 II EX 1992020035

Alternative packaging: FIREPAK® 1.4S air cargo shipping containers

Product Code: A570015

Articles, Explosives N. O. S. 1.4S UN 0349

EX 199901C231

See Product Disclaimer on page 2.
FireLine
17/80 RDX LS XHV

Transportation, Storage and Handling
• For maximum shelf-life, detonating cord must be stored in cool, dry, well-ventilated magazines. Explosives inventory should be rotated. Use older inventory first. Recommended shelf life, under proper storage conditions, is ten (10) years from date of manufacture.
• FIRELINE 17/80 RDX LS XHV detonating cords must be transported, stored, handled and used in conformity with all federal, state, provincial and local laws and regulations.

Application Recommendations
• This product is not recommended for exposure to well bore fluids.
• ALWAYS cut FIRELINE 17/80 RDX LS XHV detonating cord with a sharp knife.
• NEVER attempt to cut FIRELINE 17/80 RDX LS XHV detonating cord with a blow from a sharp or blunt object, such as an axe, pipe wrench, or rock.
• NEVER saw FIRELINE 17/80 RDX LS XHV detonating cord; it may explode and kill or injure.
• NEVER cut detonating cord with devices that produce metal-to-metal contact, such as scissors, wire cutters, crimpers or similar instruments.

Packaging:

<table>
<thead>
<tr>
<th>Package</th>
<th>Gross Weight</th>
<th>Net Weight</th>
<th>Explosive Weight</th>
<th>Spools/ Case</th>
<th>Length/ Spool</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fiberboard box</td>
<td>5.1</td>
<td>4.9</td>
<td>2.6</td>
<td>5.7</td>
<td>1</td>
</tr>
</tbody>
</table>

X-Ray services are also available for high profile applications requiring an extra level of assurance. Product Code: A570011.
FIREPAK® 1.4D packaging available. Product code A57015.

Case Dimensions
26 x 26 x 14 cm  10 ¼ x 10 ¼ x 5 ½ in