**Product Description**

FIRELINE 17/80 RDX LS is designed for tubing or wireline conveyed perforating systems (reference graph at left) where explosive component interfaces may be affected. This product has also been successfully deployed in exposed “downhole” service applications within RDX operating ranges.

**Temperature Range**

The temperatures listed are maximum values. DO NOT EXCEED.

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**Properties**

- **Explosive Core Load**: 17 g/m (80 gr/ft) nominal
  15 g/m (72 gr/ft) minimum
- **Detonation Velocity**: 7500 m/s (24,600 ft/s) nominal
  7000 m/s (22,960 ft/s) minimum
- **Shrinkage**: 1% maximum @ 163°C (325°F) in 24 hrs
  0.20 mm (0.008 in) minimum
- **Jacket Thickness**: 5.33 mm (0.210 in) nominal
  ± 0.20 mm (0.008 in)
- **Lap Joint Sensitive**: Yes
- **Product Code**: A578010
- **Cord Components**:
  - RDX explosive core (dyed pink)
  - Shrink resistant braid (yellow/gold)
  - Nylon jacket (black)

**Hazardous Shipping Description**

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

Alternative packaging: FIREPAK® 1.4S air cargo shipping containers

Product Code A578017

Articles, Explosive N.O.S., 1.4S UN 0349 II EX 1999010231

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

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 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.
- NEVER use FIRELINE 17/80 RDX LS in exposed well bore conditions.
- ALWAYS cut FIRELINE 17/80 RDX LS detonating cord with a sharp knife.
- NEVER attempt to cut FIRELINE 17/80 RDX LS 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 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 kg</td>
<td>11.2 lbs</td>
<td>4.9 kg</td>
<td>10.7 lbs</td>
<td>2.6 kg</td>
</tr>
<tr>
<td></td>
<td>11.2 lbs</td>
<td>5.7 lbs</td>
<td>2.6 kg</td>
<td>10.7 lbs</td>
<td>5.7 lbs</td>
</tr>
<tr>
<td></td>
<td>172 m</td>
<td>500 ft</td>
<td>172 m</td>
<td>500 ft</td>
<td></td>
</tr>
</tbody>
</table>

• Weights represent nominal values
* ±2%; 152m spools may contain as many as 3 pieces, totally 152 m, with a minimum splice/piece length of 8 m (25 ft).

X-Ray services are also available for high profile applications requiring an extra level of assurance. Product Code A578011.

FIREPAK® 1.4D packaging available. Product code A578015.

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

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