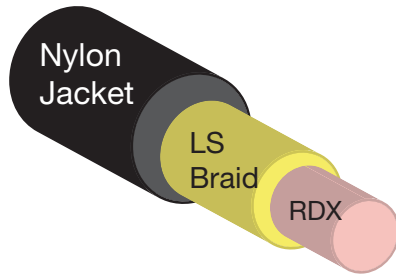


# FireLine®

## 17/80 RDX LS XHV

### Oil Field Detonating Cord

Technical  
Information

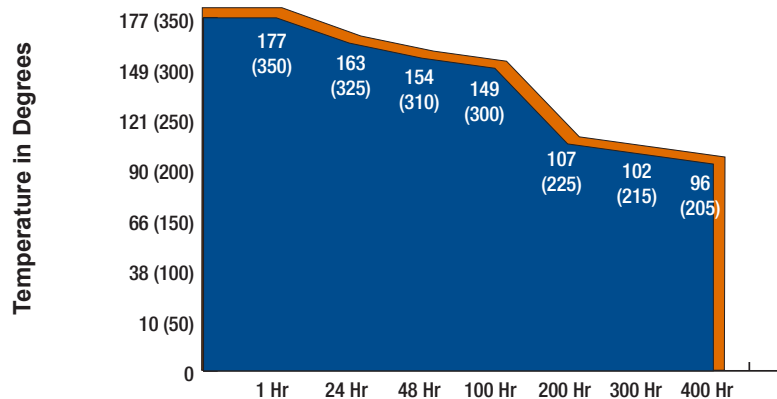


#### Product Description

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 (wirline and/or TCP) 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.



## Properties

MSDS  
#1121

<b>Explosive Core Load</b>	17 g/m (80 gr/ft) nominal 15.3 g/m (72 gr/ft) minimum
<b>Detonation Velocity</b>	8000 m/s (22,304 ft/s) nominal 7500 m/s (20,992 ft/s) minimum
<b>Shrinkage</b>	1% maximum @ 163°C (325°F) in 24 hrs
<b>Jacket Thickness</b>	0.20 mm (0.008 in) nominal
<b>Dimensions</b>	5.33 mm (0.210 in) nominal ±0.20 mm (0.008 in)
<b>Lap Joint Sensitive</b>	Yes
<b>Product Code</b>	A570010
<b>Cord Components</b>	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 A570017

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

EX 1999010231



S-16-01-22-09

See Product Disclaimer on page 2.

# FireLine®

## 17/80 RDX LS XHV

## Technical Information



### 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

Package	Gross Weight		Net Weight		Explosive Weight		Spools/Case	Length/Spool*	
	kg	lbs	kg	lbs	kg	lbs		m	ft
Fiberboard box	5.1	11.2	4.9	10.7	2.6	5.7	1	152	500

- Weights represent nominal values.

\*  $\pm 2\%$ ; 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: A570011.

FIREPAK® 1.4D packaging available. Product code A57015.

**C€0519** ENB/C/024/06

### Case Dimensions

26 x 26 x 14 cm 10 ¼ x 10 ¼ x 5 ½ in

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2650 Decker Lake Boulevard, Suite 300, Salt Lake City, Utah 84119 USA  
 Phone 800-732-7534 Fax 801-328-6452 Web www.dynonobel.com