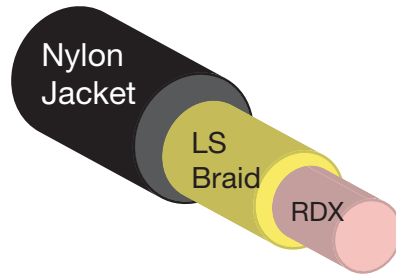


FireLine™ 17/80 RDX LS

Oil Field Detonating Cord

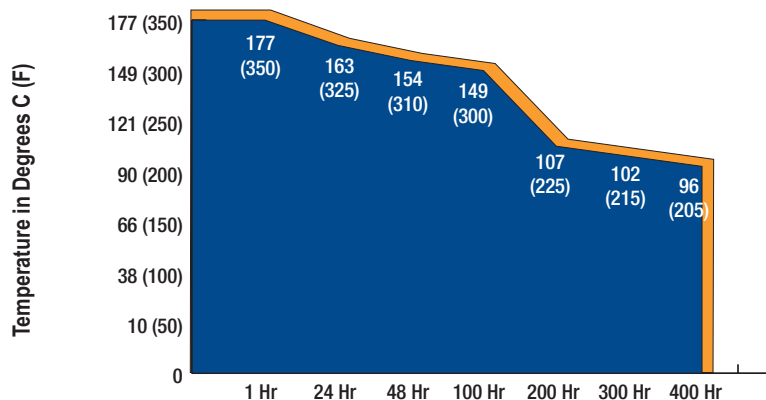


Product Description

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.



Technical Information



Properties

MSDS
#1121

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
Jacket Thickness	0.20 mm (0.008 in) minimum
Dimensions	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)

- **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 A578017

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



S-14-02-20-07

See Product Disclaimer on page 2.

FireLine™ 17/80 RDX LS

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 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

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 A578011.

FIREPAK® 1.4D packaging available. Product code A578015.

C €0519 ENB/C/024/06

Case Dimensions

26 x 26 x 14 cm 10 ¼ x 10 ¼ x 5 ½ in

Product Disclaimer Dyno Nobel Inc. and its subsidiaries disclaim any warranties with respect to this product, the safety or suitability thereof, or the results to be obtained, whether express or implied, INCLUDING WITHOUT LIMITATION, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE AND/OR OTHER WARRANTY. Buyers and users assume all risk, responsibility and liability whatsoever from any and all injuries (including death), losses, or damages to persons or property arising from the use of this product. Under no circumstances shall Dyno Nobel Inc. or any of its subsidiaries be liable for special, consequential or incidental damages or for anticipated loss of profits.



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