

FIRELINE[®] 17/80 RDX LS

Oil Field Detonating Cord

Properties

SDS
#1121

Explosive Core Load	17 g/m (80 gr/ft) nominal 15 g/m (72 gr/ft) minimum
Detonation Velocity	7000 m/s (22,970 ft/s) nominal 6800m/s (23,310 ft/s) minimum
Shrinkage	1% maximum @ 163°C (325°F) in 24 hrs
Jacket Thickness	0.20 mm (0.008 in) nominal
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."



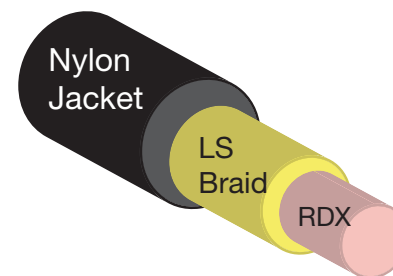
Hazardous Shipping Description

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

Alternative packaging: FIREPAK[®] 1.4D air cargo shipping containers

Product Code A578015

Cord, Detonating, 1.4D UN 0289 EX 2007060067

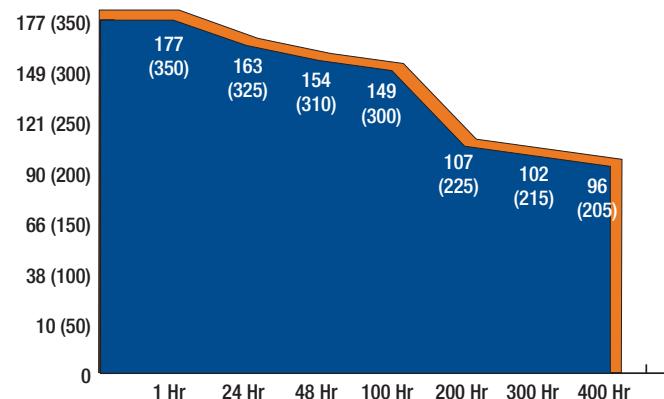


PRODUCT DESCRIPTION

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

Temperature Range

The temperatures listed are maximum values. **DO NOT EXCEED.**



Product Disclaimer: Please see reverse side.

TECHNICAL DATA SHEET



FIRELINE® 17/80 RDX LS

Oil Field Detonating Cord

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
Airpack box	18.1	39.8	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

For 1.1D Detonating Cord marked every meter, use Product Code A570010BZ
For 1.4D Detonating Cord marked every meter, use Product Code A570015BZ

CE 1395

Case Dimensions

Fiberboard 26 x 26 x 14 cm / 10.25 x 10.25 x 5.5 in

Airpack: 74.3 x 44.1 x 68.27 cm / 29.25 x 17.375 x 26.875 in

ADDITIONAL INFORMATION – Visit dynonobel.com for Brochures and Case Studies related to this product.

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