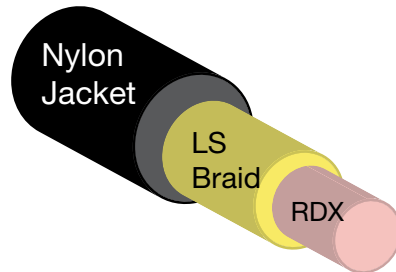


FireLine® 17/80 RDX LS

Oil Field Detonating Cord

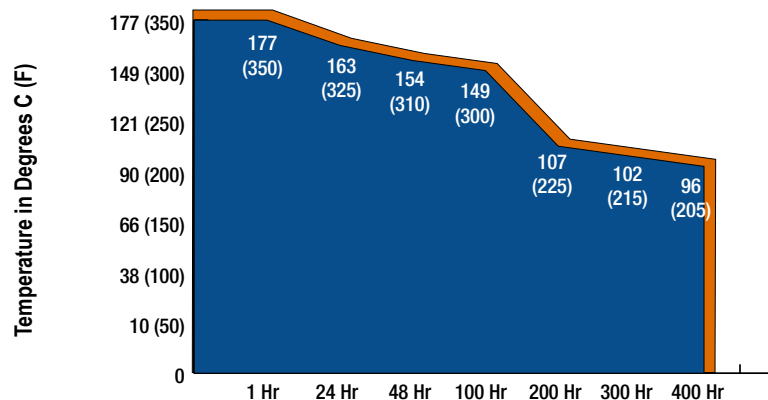


Product Description

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-14-07-31-07

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

* ± 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.

CE0519 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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