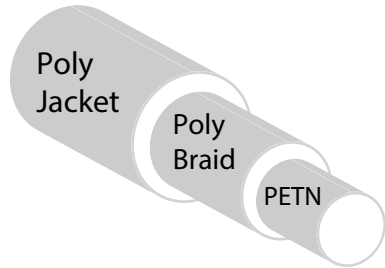


FireLine® 21/100 PETN PLASTIC

Oil Field Detonating Cord

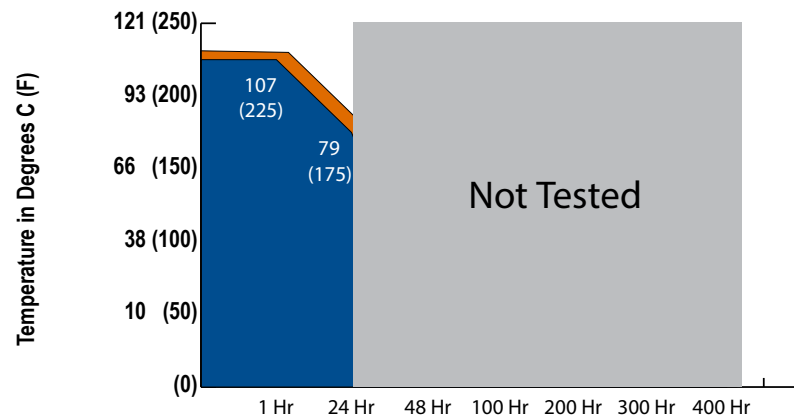


Product Description

FIRELINE 21/100 PETN PLASTIC is designed for use in “backoff” applications in relatively mild down hole conditions for a short time period (see graph below).

Temperature Range

The temperatures listed are maximum values. DO NOT EXCEED.



Technical Information



Properties

SDS
#1121

Explosive Core Load	21 g/m (100 gr/ft) nominal 17 g/m (80 gr/ft) minimum
Detonation Velocity	6800 m/s (22,304 ft/s) nominal 6400 m/s (20,992 ft/s) minimum
Shrinkage	Not Tested
Jacket Thickness	0.20 mm (0.008 in) minimum
Dimensions	5.97 mm (0.235 in) nominal ± 0.025 mm (0.010 in)
Lap Joint Sensitive	Yes
Product Code	A379052
Cord Components	PETN explosive core (white) Poly-textile braid (white) Polyethylene jacket (white)

- **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



FireLine®

21/100 PETN PLASTIC

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 five (5) years from date of manufacture.
- FIRELINE 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 21/100 PETN PLASTIC detonating cord with a sharp knife.
- **NEVER** attempt to cut FIRELINE 21/100 PETN PLASTIC detonating cord with a blow from a sharp or blunt object, such as an axe, pipe wrench, or rock.
- **NEVER** saw FIRELINE 21/100 PETN PLASTIC 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	10.9	24	10.4	23	6.5	14.3	2	152	500

• Weights represent nominal values.

* All weights are approximate.

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

Case Dimensions

28 x 28 x 40 cm 11 x 11 x 15 ¾ in

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