

FIRELINE® 17/80 PETN PLASTIC

Oil Field Detonating Cord

Properties

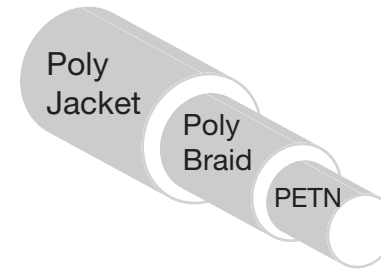
SDS
#1121

Explosive Core Load	17 g/m (80 gr/ft) nominal 15.3 g/m (72 gr/ft) minimum
Detonation Velocity	6800 m/s (22,304 ft/s) nominal 6400 m/s (20,922 ft/s) minimum
Shrinkage	Not Tested
Jacket Thickness	0.20 mm (0.008 in) minimum
Dimensions	5.33 mm (0.210 in) nominal ± 0.25 mm (0.010 in)
Lap Joint Sensitive	Yes
Product Code	A379052
Cord Components	PETN explosive core (white) Ploy-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

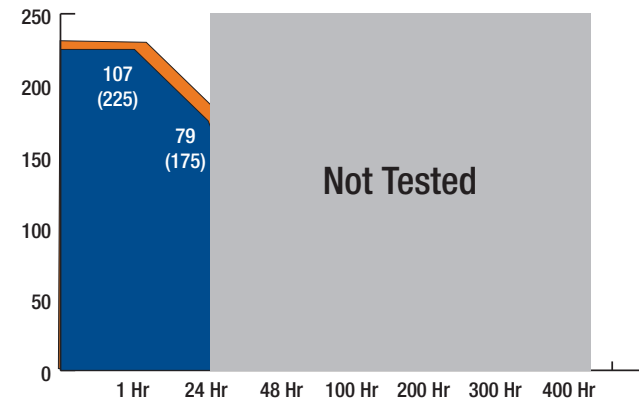


Product Description

FIRELINE 17/80 PETN PLASTIC is an economical alternative used primarily in PETN or RDX based "carrier-type" wireline systems which are intended for mild downhole conditions for short time periods (see graph below).

Temperature Range

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



TECHNICAL DATA SHEET



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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 PETN PLASTIC 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 PETN PLASTIC detonating cord with a sharp knife.
- **NEVER** attempt to cut FIRELINE 17/80 PETN PLASTIC detonating cord with a blow from a sharp or blunt object, such as an axe, pipe wrench, or rock.
- **NEVER** saw FIRELINE 17/80 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.

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

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

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