

# TECHNICAL DATA SHEET



## FIRELINE® 17/80 PETN PLASTIC

### Oil Field Detonating Cord

#### Properties

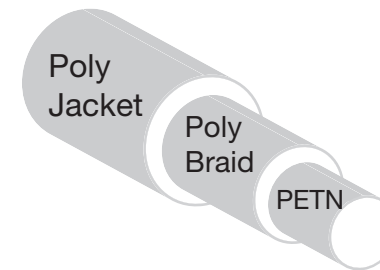
SDS  
#1121

<b>Explosive Core Load</b>	17 g/m (80 gr/ft) nominal 15.3 g/m (72 gr/ft) minimum
<b>Detonation Velocity</b>	6800 m/s (22,304 ft/s) nominal 6400 m/s (20,922 ft/s) minimum
<b>Shrinkage</b>	Not Tested
<b>Jacket Thickness</b>	0.20 mm (0.008 in) minimum
<b>Dimensions</b>	5.33 mm (0.210 in) nominal ± 0.20 mm (0.008 in)
<b>Lap Joint Sensitive</b>	Yes
<b>Product Code</b>	A370010
<b>Cord Components</b>	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

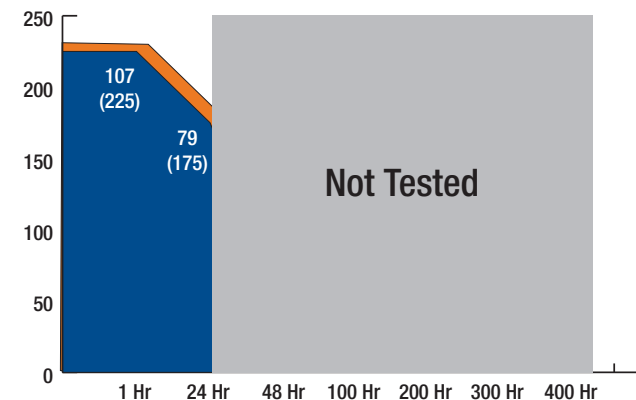


#### Product Description

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.**



Product Disclaimer: Please see reverse side.

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## FIRELINE® 17/80 PETN PLASTIC

### 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 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.**
- **NEVER** use this product in open well bore conditions.
- **ALWAYS** cut FIRELINE 17/80 PETN PLASTIC detonating cord with a sharp knife.
- **NEVER** attempt to cut FIRELINE 117/80 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.

#### 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).**

**ADDITIONAL INFORMATION – Visit [dynonobel.com](http://dynonobel.com) for Brochures and Case Studies related to this product.**

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