

# TECHNICAL DATA SHEET



## FIRELINE® 17/80 HMX LS XHV

### 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>	8000 m/s (26,240 ft/s) nominal 7500 m/s (24,600 ft/s) minimum
<b>Shrinkage</b>	1% maximum @ 163°C (325°F) in 24 hrs
<b>Jacket Thickness</b>	0.20 mm (0.008 in) nominal
<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>	A572010
<b>Cord Components</b>	HMX explosive core (white) Shrink resistant braid (yellow/gold) Nylon jacket, <i>High Flexibility</i> (green)

- **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

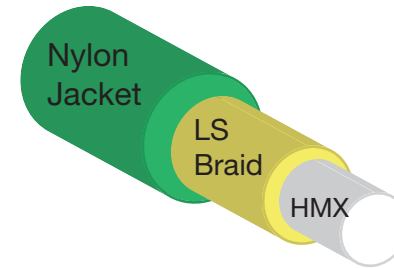
Cord, Detonating, 1.1D, UN 0065 II EX 1992020035



#### Alternative packaging: FIREPAK® 1.4D air cargo shipping containers

Product Code A572015

Cord, Detonating, 1.4D UN 0289 EX 2007060067

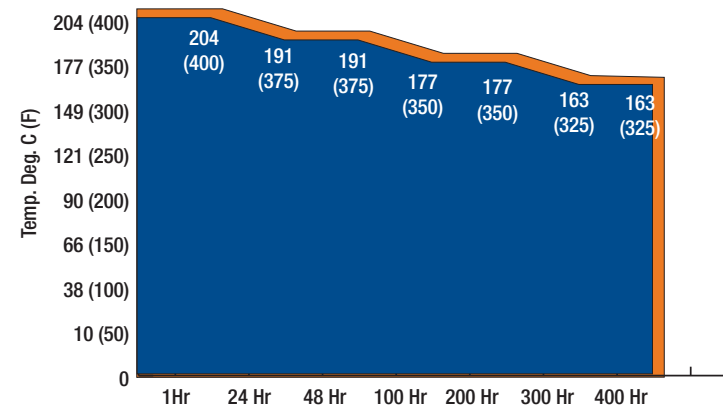


#### Product Description

FIRELINE 17/80 HMX LS XHV is designed for use in "high shot density" perforating systems where change interference may be of concern and employs "shrinkage resistant" construction materials with a higher nominal velocity of detonation (+13% nominal VOD) than standard HMX cord. A more flexible nylon jacket facilitates easier installation in the newer combination (wireline and/or TCP) high shot density systems that use significant charge alignment deviations. Recommended service applications are within the normal HMX operating range (see graph below).

#### Temperature Range

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



Product Disclaimer: Please see reverse side.

**DYNO**  
Dyno Nobel



## FIRELINE® 17/80 HMX LS XHV

### 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.
- PRIMACORD 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 HMX LS XHV detonating cord with a sharp knife.
- **NEVER** attempt to cut FIRELINE 17/80 HMX LS XHV detonating cord with a blow from a sharp or blunt object, such as an axe, pipe wrench, or rock.
- **NEVER** saw FIRELINE 17/80 HMX LS XHV 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.
- **NEVER** use this product in open well bore conditions.

#### 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
- 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).

X-Ray Services are also available for high profile applications requiring an extra level of assurance. Product Code: A572011

For 1.1D Detonating Cord marked every meter use Product Code A572010BZ  
For 1.4D Detonating Cord marked every meter, use Product Code A572015BZ

## 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](http://dynonobel.com) for Brochures and Case Studies related to this product.**

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