

# Product Information Bulletin



DETOTEC NORTH AMERICA, INC.

## 80 RDX LS XHV (EXTRA HIGH VELOCITY) **PERFACORD®** Oil and Gas Well Application

Description: RDX explosive core  
Shrinkage Resistant Braid (yellow)  
Nylon jacket (black)

**NYLON  
JACKET**

Application: A higher velocity RDX **PERFACORD®** for use in high shot density perforating systems where charge interference may be a factor. This product is manufactured with a shrinkage resistant braid and has a velocity of detonation 14% higher than the 80 RDX LS cord. A flexible nylon jacket provides easier installation in the newer combination (wireline or TCP) high shot density perforating systems that employ charge alignment deviations. Recommended service temperatures are within the normal RDX operation range (See graph). Users must satisfy themselves as to a product's suitability for an exposed application.

### SPECIFICATIONS

Explosive 80 gr/ft nominal (17.00 g/m)  
Core Load: 75 gr/ft min. (15.74 g/m)

Detonation 7,850 m/s nominal (25,755 ft/s)  
Velocity: 7,500 m/s min. (24,600 ft/s)

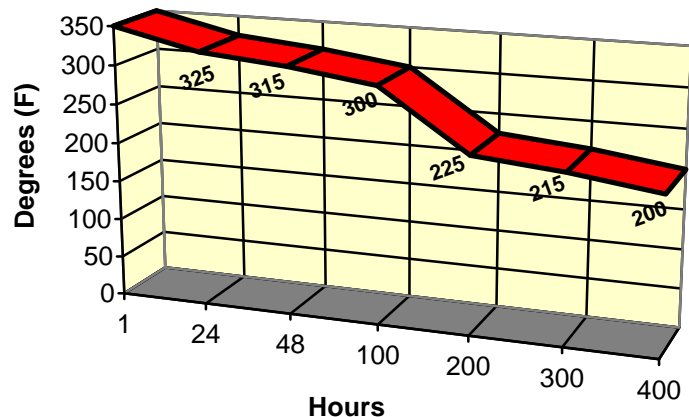
Diameter: 0.210 inches nominal (5.33 mm)  
+/- 0.008 inches  
0.218" (5.54 mm)  
0.202" (5.13 mm)

Shrinkage: 1% Max. @ 325°F 24 Hrs

Jacket Thickness: 0.008" min.

Lap Joint  
Sensitive: Yes

### TEMPERATURE (degrees F) / TIME EXPOSURE



Temperature resistance is based upon the manufacturer's laboratory tests in air at ambient pressure only. No claim, representation, or warranty of any kind is made, expressed or implied, as to the temperature resistance of this product under actual conditions. Users must satisfy themselves as to the product's suitability for a specific application.

Shrinkage is defined as core "pull-back" inside the outer jacket.

Velocity was tested unconfined, at ambient pressure, and after "cool down".

**Warning: Use of this product by persons who lack adequate training experience and supervision may kill or injure.**

---

# Application Recommendations

---

**This product is not recommended for exposure to well bore fluids.**

**NEVER** use PERFACORD® 80 RDX LS XHV in exposed well bore conditions.

**ALWAYS** cut PERFACORD® 80 RDX LS XHV detonating cord with a sharp knife.

**NEVER** attempt to cut PERFACORD® 80 RDX LS XHV detonating cord with a blow from a sharp or blunt object, such as an axe, pipe wrench, or rock.

**NEVER** saw PERFACORD® 80 RDX 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.

---

## Storing

---

Detotec PERFACORD® must be shipped, stored, and handled in accordance with all federal, state, provincial and local laws. Shelf life is defined in the latest version of the Institute of Makers of Explosives' Publication SLP-12. Recommended shelf life under proper storage conditions is ten (10) years from date of manufacture. Use older inventory first.

Detotec PERFACORD® must be stored in a cool, dry, well-ventilated licensed storage magazine for maximum shelf life.

---

## Shipping Information

---

Package Size: 10 9/16" x 10 9/16" x 5 5/16" 4G fiberboard box

Package wt: 10.5 lbs. (4.8 Kg) gross

Contents: 1-500 ft. spool & "Warnings/Instructions/Disclaimer" insert. 500 ft. spools may contain as many as four (4) pieces, totaling 500 ft.(152.4m), with a minimum splice/piece length of 50 ft.

UN Name: Cord, Detonating

UN Num.: 0065

UN Class: 1.1D

Ref. Num.: EX-2005100219

Explosive wt: 5.7 lbs. (2.6 Kg)

**Alternate packaging: PERFAPACK® 1.4D air cargo shipping containers**

Product Code 80R311A

Cord, detonating 1.4D UN0289 EX 2003080150



0080

### DISCLAIMER OF WARRANTIES AND LIMITATIONS OF LIABILITIES

Because these products are used under varying conditions over which Detotec has no control the products described herein are sold by Detotec without warranty, express or implied, including without limitation, any implied warranty of merchantability or fitness for a particular purpose and/or any other warranty. Under no circumstances shall seller be liable for damages for loss of anticipated profits, consequential damages, incidental damages or losses or damages to persons or property arising from the use of its products.



*Detotec North America, Inc.*

For product information, please contact Detotec:

P.O. Box 276  
Sterling, CT 06377 USA

Telephone: 860-564-1012 • Fax: 860-564-6895

E-Mail: [info@detotec.com](mailto:info@detotec.com)

[www.detotec.com](http://www.detotec.com)