Oil and Gas Well Application
40 HMX LS PERFACORD®

Description: HMX explosive core  
Shrink resistant braid (yellow)  
Nylon jacket (green)

Application: Reduced dimension HMX textile detonating cord is designed using shrinkage resistant components. It is designed for use in RTG (retrievable tubing gun) perforating systems. It can be deployed within the normal temperature operating range for HMX based explosives (see graph) in carrier based systems. Users must satisfy themselves as to the product's suitability for an exposed application.

SPECIFICATIONS

Explosive: 40 gr/ft nominal (8.50 g/m)  
Core Load: 32 gr/ft min. (6.64 g/m)  
Detonation: 6,700 m/s nominal (21,981 ft/s)  
Velocity: 6,200 m/s min. (20,336 ft/s)  
Diameter: 0.171 inches nominal (4.34 mm)  
+/-0.008 inches  
0.179 in (4.55 mm)  
0.163 in (4.14 mm)  

Shrinkage: 1% max. @ 325°F 24 Hrs  
Jacket Thickness: 0.008 in min.  
Lap Joint Sensitive: Yes

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-2005100220  
**Explosive wt:** 2.86 lbs (1.3 Kg)

**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.