



OFFSHORE



LAND RIG

**Gates Black Gold®
Rotary/Vibrator Drilling Hose
7,500 psi W.P. - 15,000 psi Test API Grade E
18,750 Minimum Burst**

Certification/Standards

- API 7K
- Coupling/Mat'l Traceability (Additional Cost)
- ISO 14693
- Letter of Conformance (Additional Cost)
- Test Certificates
- 3rd Party Witness Test (Additional Cost)
- ABS/CDS Type Approval



(Shown with Female Sub Hammer Union)

Specification 4773 PE

RECOMMENDED FOR: Flexible connection between standpipe and swivel (Rotary Drilling) or between pump and standpipe (Rotary Vibrator) for pumping mud at extra high pressure in oil drilling and exploration work. Meets the high demands of directional drilling and down linking with negative pressure pulses and elevated temperatures.

TEMPERATURE: -4°F to +180°F (-20°C to +82°C).

TUBE: Type C₃ (Modified Nitrile). 3/16" thick. Black. Specially compounded for handling abrasive, corrosive and oily drilling mud.

REINFORCEMENT: Multiple layers of polyester cord over tube. Multiple layers of "close wound", high tensile plated steel cables with one layer of adhesion fabric placed between cable layers. Multiple layers of reinforcement under cover.

COVER: Type C₄ (Modified Nitrile). Black. Specially compounded UltraBration cover is resistant to abrasion, corrosion, cutting, gouging, oil and weather. One continuous longitudinal yellow transfer label. Serial number and manufacture date embossed.

COUPLINGS: Swaged – API 7K hose assemblies with working pressures exceeding 5,000 psi, the end fitting will be butt-welded onto the hose coupling. Couplings can be supplied with your choice of end fitting (see "Most Commonly used Welded-On Fittings" section for more detailed information). **NOTE: FIELD WELDING OF FITTINGS TO COUPLING IS NOT RECOMMENDED.**

FITTINGS: Hammer Unions



Female Sub Male Sub./Nut

Hubs



Flanges



AVAILABLE SIZES:

Available Sizes (Inches)	2-1/2	3	3-1/2	4	Spec.
Nom. O.D.	5.16	5.66	6.04	6.48	4773PE
Min. Bend Radius (Inches)	48	48	54	60	
Wt. per Ft. of hose (Lbs)	20.2	22.6	24.1	25.8	
Swage Cplg. Wts. Each (Lbs)	62	70	75	90	
Maximum length of hose (Feet)	90	90	90	90	
Safety Clamp & Chain Part No.	7361-0835	7361-0840	7361-0845	7361-0850	

OPTIONAL: Accessories such as SAFETY CLAMPS, HOSE LIFT EYE & COLLAR CLAMP and STAINLESS STEEL ARMOR are found on page 53.