

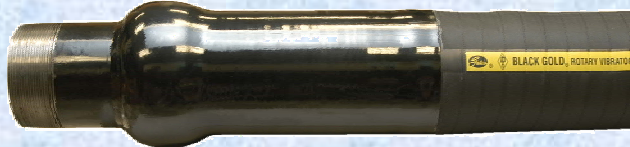


OFFSHORE



LAND RIG

**Gates Black Gold®
Rotary Drilling/Vibrator Hose or
Motion Compensator Hose
5,000 psi W.P. - 10,000 psi Test Grade D**



Certification/Standards

- ABS (Additional Cost)
- API 7K
- Coupling/Mat'l Traceability (Additional Cost)
- DIN German (Additional Cost)
- DNV (Additional Cost)
- Health & Safety Executive (Additional Cost)
- ISO 6807
- Letter of Conformance (Additional Cost)
- Test Certificates

Specification 4774 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. Motion Compensator hose is used for stabilization of rotary drilling and pumping equipment against vertical wave action on offshore drill platforms.

TEMPERATURE: -40°F to +180°F (-40°C to +82°C).

TUBE: 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 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 UltraBriasion 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 does not recommend use of pipe threads for working pressures of 5,000 psi and above. 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

Hubs

Flanges



AVAILABLE SIZES:

Available Sizes (Inches)	2-1/2	3	3-1/2	4	Spec.
Nom. O.D.	4.14	4.61	5.25	5.61	4774PE
Min. Bend Radius (Inches)	36	48	54	54	
Wt. per Ft. of hose (Lbs)	9.8	10.8	12.8	13.4	
Swage Cplg. Wts. Each (Lbs)	33	44.5	47	55	
Maximum length of hose (Feet)	90	90	90	90	

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