



Gates Black Gold® Sour Service

5,000 psi W.P. - 10,000 psi Test



OFFSHORE



LAND RIG

Certification/Standards

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

Specification 4774F

RECOMMENDED FOR: Flexible connection between the standpipe and swivel (rotary drilling) or between pump and standpipe (rotary vibrator).

TEMPERATURE: -40°F to +200°F (-40°C to +93°C).

TUBE: Type V (Fluoroelastomer). Black. Resists abrasion, corrosion, oil, weather and up to 20% H₂S. **NOTE:** Hose is manufactured to handle up to 20% Hydrogen Sulfide (H₂S) for 1 hour at 93°C (200°F) at rated working pressure.

REINFORCEMENT: 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 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 – meets NACE MR0175. API does not recommend use of pipe threads for working pressures of 5000 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



Female Sub

Male Sub./Nut

Hubs



Flanges



AVAILABLE SIZES:

Available Sizes (Inches)	2-1/2	3	3-1/2	4	Spec.
Nom. O.D.	4.15	4.61	5.25	5.58	4774F
Min. Bend Radius (Inches)	36	48	54	54	
Wt. per Ft. of hose (Lbs)	10.1	11.1	13.2	13.9	
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.