



**Gates Black Gold®
Sour Service Hose
5,000 psi W.P. - 10,000 psi Test
12,500 Minimum Burst**



OFFSHORE



LAND RIG

Certification/Standards

Coupling/Mat'l Traceability (Additional Cost)
Letter of Conformance (Additional Cost)
NACE
Test Certificates
3rd Party Witness Test (Additional Cost)

Specification 4774F

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

TEMPERATURE: -4°F to +200°F (-20°C to +93°C).

TUBE: Type V (Fluoroelastomer). Black. Resists abrasion, corrosion, oil, 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 male line pipe threads standard. Gates recommends butt-welded couplings. 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	
Coupling Threads API (T) (In.)	3"	4"	4"	5"	
Swage Cplg. Wts. Each (Lbs)	33	44.5	47	55	
Maximum length of hose (Feet)	90	90	90	90	
Safety Clamp & Chain Part No.	7361-0825	7361-0830	7361-0835	7361-0840	

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