



# Gates Black Gold® Choke and Kill

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



(Shown with API Flange)

Specification 4774F and 4773LE



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)
- Lloyd's of London Fire Test for Choke & Kill (Additional Cost Material Only)
- NACE
- Test Certificates

**RECOMMENDED FOR:** Flexible hose between the riser and manifold or around the ball joint of offshore drilling rigs.

**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% H<sub>2</sub>S. **NOTE:** Hose is manufactured to handle up to 20% Hydrogen Sulfide (H<sub>2</sub>S) 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 C<sub>4</sub> (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. **NOTE:** Hose can be manufactured to meet the approval of Lloyd's of London Flexible Hose Fire Test OSG/1000/499 at 705°C (1,300°F) for 30 minutes at rated working pressure. No certification.

**COUPLINGS:** Swaged – meets NACE MR0175. 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



Female Sub

Male Sub./Nut

## AVAILABLE SIZES:

Available Sizes (Inches)	2-1/2	3	3-1/2	4	Spec.
Nom. O.D.	4.15	4.61	5.25	–	4774F
Nom. O.D.	–	–	–	6.40	4773LE
Min. Bend Radius (Inches)	36	48	54	54	
Wt. per Ft. of hose (Lbs)	10.1	11.1	13.2	–	4774F
Wt. per Ft. of hose (Lbs)	–	–	–	26.4	4773LE
Swage Cplg. Wts. Each (Lbs)	33	44.5	47	90	
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.