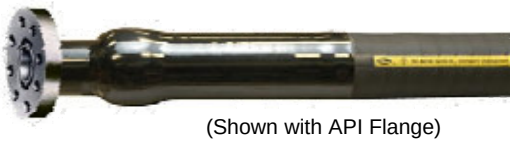
OFFSHORE LAND RIG

# Gates Black Gold® Choke and Kill Hose

## 5,000 psi W.P. - 10,000 psi Test
## 15,000 Minimum Burst

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



(Shown with API Flange)

Specification 4774F and 4773LE

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

**TEMPERATURE:** -4ºF to +200ºF (-20ºC to +93ºC).

**TUBE:** Type V (Fluoroelastomer). Black. Resists abrasion, corrosion, oil, and up to 20% $H_2S$. **NOTE:** Hose is manufactured to handle up to 20% Hydrogen Sulfide ($H_2S$) for 1 hour at 93ºC (200ºF) 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 $C_4$ (Modified Nitrile). Black. Specially compounded UltraBrasion 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. Per API – flexible Choke and Kill hose end fittings will be butt-welded and the pressure rating shall be equivalent to the pressure rating of the flexible hose. 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.<br>Nom. O.D. | 4.15<br>– | 4.61<br>– | 5.25<br>– | –<br>6.40 | 4774F<br>4773LE |
| Min. Bend Radius (Inches) | 36 | 48 | 54 | 60 | |
| Wt. per Ft. of hose (Lbs)<br>Wt. per Ft. of hose (Lbs) | 10.1<br>– | 11.1<br>– | 13.2<br>– | –<br>26.4 | 4774F<br>4773LE |
| Swage Cplg. Wts. Each (Lbs) | 33 | 44.5 | 47 | 90 | |
| Maximum length of hose (Feet) | 90 | 90 | 90 | 90 | |
| Safety Clamp & Chain Part No.<br>Safety Clamp & Chain Part No. | 7361-0825 | 7361-0830 | 7361-0835 | –<br>7361-0850 | 4774F<br>4773LE |

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