



**Oilfield Hose  
Cementing (Nitrile Tube)  
10,000 psi W.P. – 15,000 Test. – 22,500 Minimum Burst**

**Black Gold®**  
(Specification 4773PE)

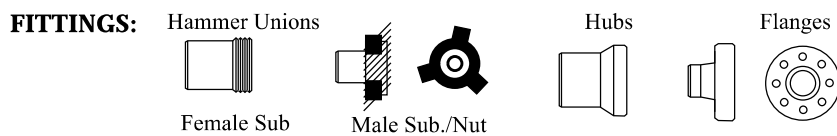
Nom. I.D. (In.)	Nom. O.D. (In.)	Min. Bend Radius (In.)	Wt. per Ft. of hose (Lbs.)	Swage Coupling Wts. Each (Lbs.)	Max. length of hose (Ft.)	Max. W.P. (psi)
2 1/2	5.16	48	20.2	62	90	10,000
3	5.66	48	22.6	70	90	10,000
3 1/2	6.04	54	24.1	75	90	10,000

**RECOMMENDED FOR:** Used as a flexible connection between the cementing pump manifold and cementing head for conveyance of cement slurries at high pressure.

**TEMPERATURE:** -4°F to +180°F (-20°C to +82°C) continuous service.

**CONSTRUCTION:** **Tube:** Type C<sub>3</sub> (Modified Nitrile). 3/16" thick. Black. Specially compounded for handling abrasion and corrosion.  
**Reinforcement:** Multiple layers of "close wound" high tensile plated 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.

**COUPLINGS:** Swaged – API 7K hose assemblies with working pressures exceeding 5,000 psi, the end fitting will be butt welded onto the hose coupling. Couplings can be supplied with your choice of end fitting. Please contact your nearest Gates E&S facility for more detailed information. (Refer to Gates E&S list at the beginning of this catalog).  
**NOTE: FIELD WELDING OF FITTINGS TO COUPLING IS NOT RECOMMENDED.**



**PACKAGING:** Each length packaged in a heavy-duty wooden crate.

**BRANDING:** One continuous longitudinal yellow transfer label (with serial number and code date embossed).  
Example: "GATES® BLACK GOLD® CEMENTING 4 INCH MAX WP 10000 PSI TESTED TO 15000 PSI FSL 0 TEMP RANGE 1 ISO 14693 LICENSE 7K-0003 MADE IN U.S.A."

**CERTIFICATION/STANDARDS:** API (American Petroleum Institute) Spec 7K.  
Coupling/Mat'l Traceability (Additional Cost)  
ISO 14693  
Letter of Conformance (Additional Cost)  
Test Certificates  
3rd Party Witness Test (Additional Cost)  
ABS/CDS Type Approval

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

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MINING
<b>OILFIELD</b>
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STEAM
WATER
CLAMPS
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CHEMICAL RESISTANCE TABLE

