



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

Black Gold[®]
(Specification 4651ZA)

Nom. I.D. (In.)	Nom. O.D. (In.)	Min. Bend Radius (In.)	Wt. per Ft. of hose (Lbs.)	Crimped Coupling Wts. 1502 Hammer Union Assy.		Max. length of hose (Ft.)	Max. W.P. (psi)
				(Lbs.)	(Lbs.)		
2	2.80	48	4.66	Female Sub/Seal 7341-1569 (7.8 Lbs.)	Male Sub/Nut 7341-1571 (17.7 Lbs.)	200	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 +250°F (-20°C to +121°C) continuous service.

CONSTRUCTION: **Tube:** Type C (Nitrile). Black. Specially compounded for handling abrasion and corrosion.
Reinforcement: Multiple layers of spiraled high tensile steel wire.
Cover: Type L (MegaTuff[®]). Black. Oil and abrasion resistant.

COUPLINGS: Crimped – Gates GSH™ with integral 2” Fig. 1502 hammer union couplings with male sub/nut and female sub/seal. Couplings can be supplied with your choice of end fittings. 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.

FITTINGS: GSH with Integral 2” Fig. 1502 Hammer Unions



PACKAGING: Each length packaged in a carton.

BRANDING: One continuous longitudinal yellow transfer label (with serial number and code date embossed).
Example: “GATES[®] BLACK GOLD[®] CEMENTING NOT FOR SOUR SERVICE 2 INCH MAX WP 10000 PSI TESTED TO 15000 PSI FSL 0 TEMP RANGE III ISO 14693 LICENSE 7K-0003 MADE IN U.S.A.”

CERTIFICATION/STANDARDS: API (American Petroleum Institute) Spec 7K.
Coupling/Mat'l Traceability (Additional Cost)
DNV Type Approval: NV D-3706
ISO 14693
Letter of Conformance (Additional Cost)
Test Certificates
3rd Party Witness Test (Additional Cost)

OPTIONAL: Accessories such as SAFETY CLAMPS are available.

ACID-CHEMICAL

AIR AND MULTI-PURPOSE

FOOD AND BEVERAGE

MARINE

MATERIAL HANDLING

MINING

OILFIELD

PETROLEUM TRANSFER

PRESSURE WASHER

STEAM

WATER

CLAMPS

COUPLINGS AND FERRULES

HOSE FINDER

CHEMICAL RESISTANCE TABLE

