



## BLACK GOLD® MEGASHIELD™ 5000 BLOWOUT PREVENTER HOSE

FIRE RESISTANT BOP HOSES FOR HIGH PRESSURE BOP SYSTEMS



### SAFETY, PERFORMANCE, AND DURABILITY

Every component of a BOP (blowout preventer) control system is critical to the safety of workers, equipment, and the environment. BOP systems are becoming more compact and powerful, and Gates now offers a line of BOP hose.

Gates line of Black Gold® MegaShield™ 5000 BOP hose is rated for 5,000 psi (350 Bar) constant working pressure in all sizes, 1/4-inch through 2-inch (6.3mm – 51.0mm). This fire resistant hose is designed for the extreme, erratic pressures experienced in BOP control systems. It remains flexible through extremes of temperature for easier handling, and the abrasion-resistant cover stands up to rough treatment. Anti-static and durable, Gates BOP hose is built for a long, usable life in high performance BOP applications.

### MEETS API 16D AND LLOYD'S FIRE TEST 1000/499

Gates Black Gold® MegaShield™ 5000 BOP hoses have been designed, built, and tested to meet API 16D specifications and Lloyd's 1000/499 fire test – 5 minutes at 700°C (1300°F). Gates fire resistant BOP assemblies have been certified by Lloyd's Registry.

### AN ALTERNATIVE TO STAINLESS STEEL ARMORED HOSE

Gates BOP hose is lighter, more flexible, and less costly than stainless steel armored hose, yet offers equal fire resistance. More flexibility makes hoses easier to route and inspect.

### CUSTOMISED BOP HOSE ASSEMBLIES WHEN YOU NEED THEM

Should you need a replacement hose on short notice, Gates certified Black Gold® assemblers can quickly build an assembly to your specific length requirements. Couplings can be crimped, the assembly tested, and the hose shipped within hours of the order being placed. The hose you receive far exceeds the Gates standard for coupling pull-off and burst pressure tests, so you are assured of its safety and performance.

## BLACK GOLD® MEGASHIELD™ BOP 5000 HOSE > 5,000 PSI [350 BAR] WORKING PRESSURE, FIRE RESISTANT

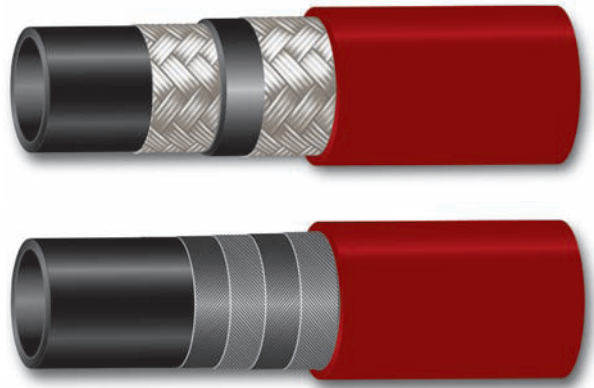
**Tube:** Black, oil resistant Nitrile.

**Reinforcement:** Multiple alternating layers of braided or spiraled, high-tensile steel wire.

**Cover:** Fiberglass loaded, red, oil and abrasion resistant Chloroprene.

**Temperature Range:** -40°C to +100°C [-40°F to +212°F].

**Couplings:** Stainless Steel and Carbon Steel. Available with crimped stainless steel over-ferrule coupling protectors or slip-on rubber fire sleeve coupling protectors.



### Gates Black Gold MegaShield 5000 Blowout Preventer (BOP) Hose

Description	Product No.	Hose I.D. In. (mm)	Hose O.D. In. (mm)	Working Pressure psi (Bar)	Minimum Burst Pressure psi (Bar)	Minimum Bend Radius In. (mm)	Weight Lb/ft (Kg/m)
4BOP <b>MEGASHIELD 5000</b>	36700760	1/4 [6.3]	.77 [19.6]	5,000 [350]	20,000 [1,400]	4.0 [100]	.37 [.55]
6BOP <b>MEGASHIELD 5000</b>	36700761	3/8 [9.5]	.93 [23.5]	5,000 [350]	20,000 [1,400]	5.0 [125]	.52 [.77]
8BOP <b>MEGASHIELD 5000</b>	36700762	1/2 [12.5]	1.05 [26.7]	5,000 [350]	20,000 [1,400]	7.0 [180]	.63 [.94]
12BOP <b>MEGASHIELD 5000</b>	36700763	3/4 [19.0]	1.38 [35.1]	5,000 [350]	20,000 [1,400]	9.5 [240]	1.05 [1.56]
16BOP <b>MEGASHIELD 5000</b>	36700764	1 [25.4]	1.67 [42.4]	5,000 [350]	20,000 [1,400]	12.0 [300]	1.77 [2.63]
20BOP <b>MEGASHIELD 5000</b>	36700765	1-1/4 [31.5]	2.11 [53.6]	5,000 [350]	20,000 [1,400]	16.5 [420]	2.67 [3.97]
24BOP <b>MEGASHIELD 5000</b>	36700766	1-1/2 [38.0]	2.41 [61.2]	5,000 [350]	20,000 [1,400]	20.0 [500]	3.60 [5.36]
32BOP <b>MEGASHIELD 5000</b>	36700767	2 [51.0]	2.96 [75.2]	5,000 [350]	20,000 [1,400]	25.0 [635]	5.73 [8.53]

### HOW TO ORDER

Order all Gates hose products and assemblies through your authorised Gates Black Gold® Distributor. For more information on Gates oilfield products, contact Gates Customer Service or visit [www.gates.com/oilfield](http://www.gates.com/oilfield) For in-depth technical support, contact Gates Product Application.



**POWERING PROGRESS™**

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