



DRIVEN BY POSSIBILITY™

BLACK GOLD®

MEGASHIELD 5000 BLOWOUT PREVENTER HOSE

FIRE RESISTANT BOP HOSES FOR HIGH PRESSURE BOP SYSTEMS

SAFETY, PERFORMANCE, AND DURABILITY.

Every component of a blowout preventer (BOP) 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 hoses to match.

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.

PRODUCED TO THE HIGHEST INDUSTRY PERFORMANCE STANDARD

- Blow out preventer (BOP) systems requiring high pressure, high temperature and flame resistant control lines certified to API 16D and Lloyds 1000/499 fire test for fire minutes at 1300°F (704°C)
- 5,000 PSI (350 Bar) Working Pressure
- Global Availability





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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.

BOP 5000 MEGASHIELD™ PRODUCT SPECIFICATIONS

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.
DESIGN FACTOR	4:1
TEMPERATURE RANGE	-40°C to +100°C (-40°F to +212°F)
COUPLINGS	Crimped couplings with over-ferrule fire protection

DESCRIPTION	PRODUCT NO.	INNER DIAM.		OUTER DIAM.		WORKING PRES.		BURST PRES.		BEND RADIUS		WEIGHT	LENGTH
		in	mm	in	mm	psi	bar	psi	bar	in	mm	kg/m	ft
4BOP MEGASHIELD 5000	36700760	1/4	6.3	0.77	19.6	5000	350	20,000	1,400	4.0	100	0.55	440
6BOP MEGASHIELD 5000	36700761	3/8	9.5	0.93	23.5	5000	350	20,000	1,400	5.0	125	0.77	330
8BOP MEGASHIELD 5000	36700762	1/2	12.5	1.05	26.7	5000	350	20,000	1,400	7.0	180	0.94	220
12BOP MEGASHIELD 5000	36700763	3/4	19.0	1.38	35.1	5000	350	20,000	1,400	9.5	240	1.56	200
16BOP MEGASHIELD 5000	36700764	1	25.4	1.67	42.4	5000	350	20,000	1,400	12	300	2.63	200
20BOP MEGASHIELD 5000	36700765	1-1/4	31.5	2.11	53.6	5000	350	20,000	1,400	16.5	420	3.97	200
24BOP MEGASHIELD 5000	36700766	1-1/2	38.0	2.41	61.2	5000	350	20,000	1,400	20.0	500	5.36	200
32BOP MEGASHIELD 5000	36700767	2	51.0	2.96	75.2	5000	350	20,000	1,400	25.0	635	8.53	200

HOWTO 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

For in-depth technical support, contact

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