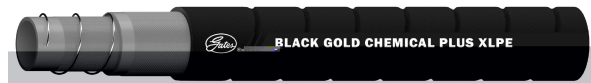


Black Gold™ ABS Chemical Plus XLPE 250SD

[illegible]

Black Gold™ ABS Drill Water 300SD



Color	Hose I.D.		Hose O.D.		Max. W.P.		Vac.	MBR	Wt. Per ft	Length	Std. Pack	Pkg Code	Gates Item No.
	(in)	(mm)	(in)	(mm)	(psi)	(Bar)	(In. Hg)	(in)	(Lbs.)	(ft)			
Black	2	50.8	2.62	66.5	300	20.7	30.0	12.0	1.19	200	PLT	T	4686-0028
Black	3	76.2	3.62	91.9	300	20.7	30.0	24.0	2.62	200	PLT	T	4686-0029
Black	4	101.6	4.62	117.3	300	20.7	30.0	30.0	3.18	200	PLT	T	4686-0030
Black	5	127.0	5.92	150.4	300	20.7	30.0	48.0	5.05	100	PLT	T	4686-0066
Black	6	152.4	6.92	175.8	300	20.7	30.0	60.0	7.53	100	PLT	T	4686-0067
Black	6	152.4	6.92	175.8	300	20.7	30.0	60.0	7.53	200	PLT	T	4686-0031

RECOMMENDED FOR: Transfer of non-potable water or liquids not containing oils or chemicals from a supply ship to an offshore drilling rig or platform. Various water-based transfer applications for offshore or onshore work sites. The heavy-duty reinforcement is designed to survive extreme oilfield applications.

Black Gold™ ABS Drill Water 300D



Color	Hose I.D.		Hose O.D.		Max. W.P.		Vac.	MBR	Wt. Per ft	Length	Std. Pack	Pkg Code	Gates Item No.
	(in)	(mm)	(in)	(mm)	(psi)	(Bar)	(In. Hg)	(in)	(Lbs.)	(ft)			
Black	2	50.8	2.58	65.5	300	20.7	10.0	14.0	.94	200	PLT	T	3137-1280
Black	3	76.2	3.64	92.5	300	20.7	10.0	21.0	1.49	200	PLT	T	3137-1281
Black	4	101.6	4.64	117.9	300	20.7	10.0	28.0	1.94	200	PLT	T	3137-1282
Black	5	127.0	5.78	146.8	300	20.7	10.0	48.0	2.85	100	PLT	T	3137-1302
Black	6	152.4	6.82	173.2	300	20.7	10.0	60.0	2.85	100	PLT	T	3137-1303
Black	6	152.4	6.82	173.2	300	20.7	10.0	60.0	2.85	200	PLT	T	3137-1284

RECOMMENDED FOR: Transfer of non-potable water or liquids not containing oils or chemicals from a supply ship to an offshore drilling rig or platform. Various water-based transfer applications for offshore or onshore work sites. The heavy-duty reinforcement is designed to survive extreme oilfield application requirements. The specially compounded cover material is designed to withstand the harshest environment including abrasion and weathering.

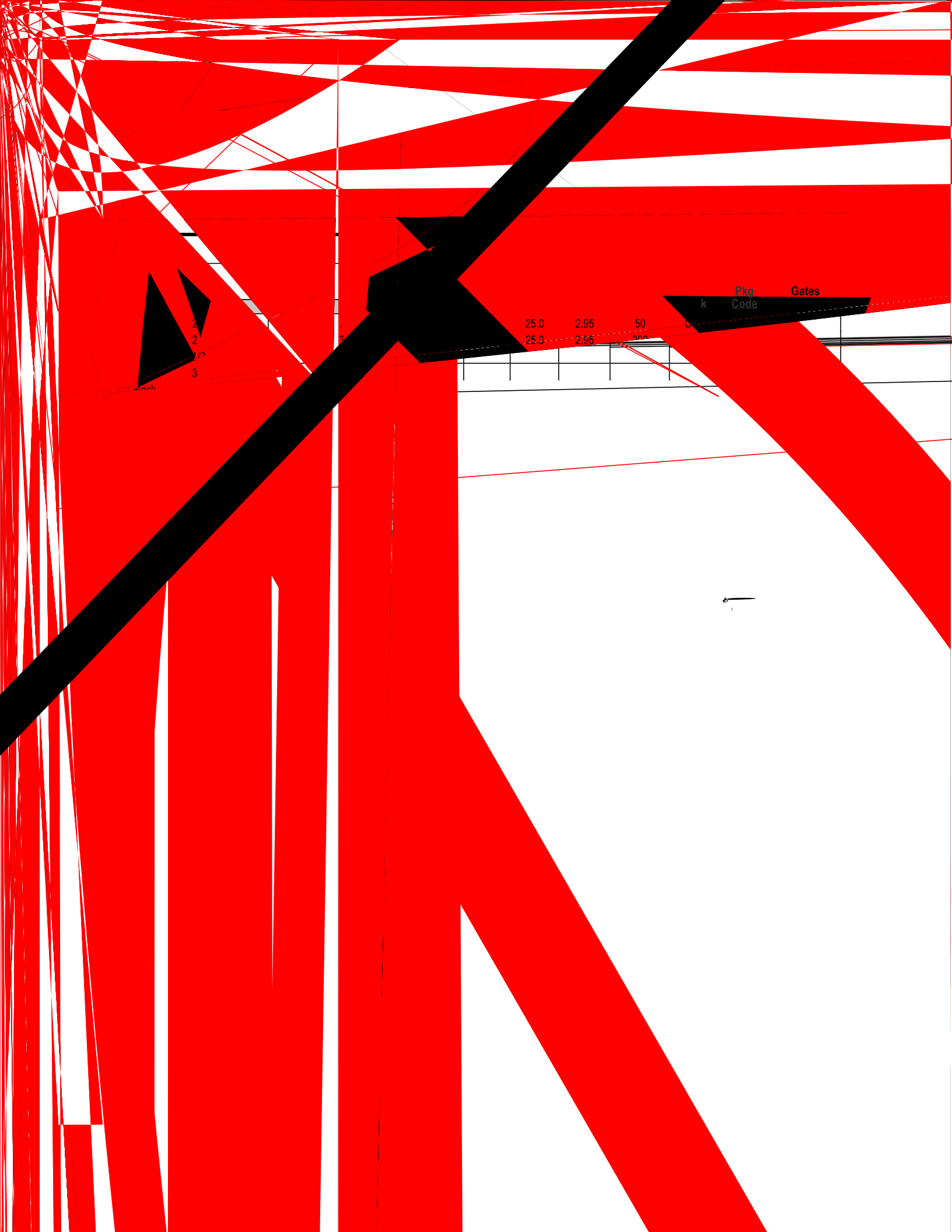
CAUTION: Not for drinking water or food products.

TEMPERATURE: -40°F to +150°F (-40°C to +66°C) continuous service.

CONSTRUCTION: **Tube:** Type P (EPDM), Black.
Reinforcement: Multiple plies, synthetic textile, static filament.
Cover: Type P (EPDM), Black with green stripe.
Design Factor: 4:1

COUPLINGS: Crimped or swaged couplings. **71.** Reference the Hose Coupling Section.

STANDARDS: ABS approved.



Pkg
Code

Gates

k

25.0

2.95

50

100

25.0

2.95

50

100

2

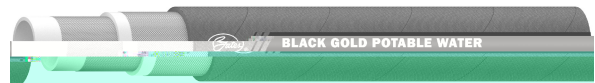
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Black Gold™ ABS Potable Water 300D

[illegible]



- orm; and for transfer applications on offshore or onshore drilling rigs or platforms. The heavy-duty reinforcement is designed to survive extreme oilfield application requirements. The specially compounded cover material is designed to withstand the harshest environment including abrasion and weathering.
- CAUTION:** The hose tube is specially compounded to conduct electricity. No static wires are required. (The helical wires in the SD version can be connected to the couplings for extra protection.)
- TEMPERATURE:** -40°F to +150°F (-40°C to +66°C).
- CONSTRUCTION:** **Tube:** [Type D3 \(Natural Rubber\), Black, Static-conductive.](#)
Reinforcement: Multiple plies, synthetic textile, dual steel wire helix.
Cover: [Type D \(SBR\), Black with yellow stripe.](#)
Design Factor: 4:1
- COUPLINGS:** Crimped or swaged couplings. [71](#). Reference the Hose Coupling Section.
- STANDARDS:** ABS approved.
Hose designed to withstand 6.0 ton tensile force.

AGRICULTURE
AIR BREATHING
AIR DUCT
AIR AND MULTI-PURPOSE
CHEMICAL
FOOD AND BEVERAGE
ENGINE AND MARINE
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MINING
OILFIELD
PETROLEUM
PRESSURE WASH AND WASHDOWN
STEAM
WATER
CLAMPS
COUPLINGS AND FERRULES
HOSE FINDER
CHEMICAL RESISTANCE TABLE

Black Gold™ ABS Bulk Material 300D

[illegible]



Type C (Nitrile). Black.

Type A (Chloroprene). Black with red stripe.

AGRICULTURE
AIR BREATHING
AIR DUCT
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HOSE FINDER
CHEMICAL RESISTANCE TABLE

[illegible]

Black Gold™ Oilfield Vacuum (100-150) SD

[illegible]

Black Gold™ Super-Vac™ MegaFlex™ (60-200) SD


Color	Hose I.D.		Hose O.D.		Max. W.P.		Vac.	MBR	Wt. Per ft	Length	Std. Pack	Pkg Code	Gates Item No.
	(in)	(mm)	(in)	(mm)	(psi)	(Bar)	(In. Hg)	(in)	(Lbs.)	(ft)			
Black	1	25.4	1.37	34.8	150	10.3	30.0	1.0	.42	100	PLT	T	4688-2364
Black	1 1/4	31.8	1.63	41.4	150	10.3	30.0	1.3	.54	100	PLT	T	4688-2365
Black	1 1/2	38.1	1.88	47.8	150	10.3	30.0	1.5	.63	100	PLT	T	4688-2366
Black	2	50.8	2.39	60.7	150	10.3	30.0	2.0	.80	100	PLT	T	4688-2104
Black	2	50.8	2.39	60.7	150	10.3	30.0	2.0	1.00	200	PLT	T	4688-2105
Black	2 1/2	63.5	2.96	75.2	150	10.3	30.0	2.5	1.28	100	PLT	T	4688-2367
Black	3	76.2	3.47	88.1	150	10.3	30.0	3.0	1.33	100	PLT	T	4688-2107
Black	3	76.2	3.47	88.1	150	10.3	30.0	3.0	1.77	200	PLT	T	4688-2164
Black	4	101.6	4.52	114.8	100	6.9	30.0	4.0	2.29	100	PLT	T	4688-2108
Black	4	101.6	4.52	114.8	200	13.8	30.0	4.0	2.12	100	PLT	T	4688-2109
Black	4	101.6	4.52	114.8	200	13.8	30.0	4.0	2.29	200	PLT	T	4688-2165
Black	6	152.4	6.59	167.4	60	4.1	30.0	12.0	3.89	20	PLT	T	4688-2385
Black	6	152.4	6.59	167.4	60	4.1	30.0	12.0	3.89	50	PLT	T	4688-2368
Black	6	152.4	6.59	167.4	60	4.1	30.0	12.0	3.89	100	PLT	T	4688-2386

RECOMMENDED FOR: Tank truck service, including oilfield vacuum tank, where full suction is required. Ideal for applications handling crude oil, salt and fresh water, tank bottoms, drilling mud, dilute solutions of hydrochloric acid, and sewage transfer.

CAUTION: Not recommended for refined petroleum products such as gasoline or diesel. Drain hose after use.

TEMPERATURE: -40°F to +180°F (-40°C to +82°C) continuous service.

CONSTRUCTION: **Tube:** Type C (Nitrile), Black.
Reinforcement: Multiple plies, synthetic textile, dual steel wire helix.
Cover: Type D (SBR), Black corrugated with blue stripe.
Design Factor: 4:1

COUPLINGS: 7, 49 or 73, (for ambient temperatures only). Reference the Hose Coupling Section.

STANDARDS: **Tube:** ARPM (Class B) Medium oil-resistance.

Black Gold™ ABS Mud and Oil 300SD

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Black Gold™ ABS Mud and Oil 300D



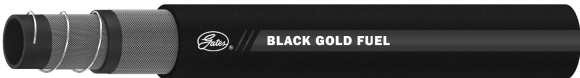
Color	Hose I.D.		Hose O.D.		Max. W.P.		Vac.	MBR	Wt. Per ft	Length	Std. Pack	Pkg Code	Gates Item No.
	(in)	(mm)	(in)	(mm)	(psi)	(Bar)	(In. Hg)	(in)	(Lbs.)				
Black	2	50.8	2.62	66.5	300	20.7	10.0	14.0	1.12	200	PLT	T	3150-0503
Black	3	76.2	3.62	91.9	300	20.7	10.0	21.0	1.94	200	PLT	T	3150-0504
Black	4	101.6	4.62	117.3	300	20.7	10.0	28.0	2.39	200	PLT	T	3150-0505
Black	5	127.0	5.92	150.4	300	20.7	10.0	35.0	4.40	100	PLT	T	3150-0509
Black	5	127.0	5.92	150.4	300	20.7	10.0	10.0	4.40	200	PLT	T	3150-0506
Black	6	152.4	6.92	175.8	300	20.7	10.0	42.0	5.25	100	PLT	T	3150-0508
Black	6	152.4	6.92	175.8	300	20.7	10.0	42.0	5.25	200	PLT	T	3150-0507

RECOMMENDED FOR: Transfer of abrasive, water-based and petroleum-based drilling fluids from a supply ship to an offshore drilling rig or platform; and for transfer applications on offshore or onshore drilling rigs or platforms. The nitrile tube material is designed to provide chemical resistance to petroleum-based fluids and is made with extra thickness to resist abrasion. It uses the same tube compound as Gates Black Gold Grade D & E Rotary & Vibrator hoses. The heavy-duty reinforcement is designed to survive extreme oilfield application requirements. The neoprene cover material is designed to withstand the harshest offshore environment including abrasion, weathering (cracks) and extra chemical-resistance for any petroleum products that may come in contact with the cover.

CAUTION: Not recommended for transferring refined petroleum products such as gas

Black Gold™ Fuel 300SD

Formerly - Sea Horse™ HW



Color	Hose I.D.		Hose O.D.		Max. W.P.		Vac.	MBR	Wt. Per ft	Length	Std. Pack	Pkg Code	Gates Item No.
	(in)	(mm)	(in)	(mm)	(psi)	(Bar)	(In. Hg)	(in)	(Lbs.)	(ft)			
Black	2	50.8	2.78	70.6	300	20.7	30.0	10.0	1.60	200	PLT	T	4688-0584
Black	3	76.2	3.86	98.0	300	20.7	30.0	18.0	2.59	200	PLT	T	4688-0585
Black	4	101.6	4.87	123.7	300	20.7	30.0	24.0	3.52	200	PLT	T	4688-0587
Black	6	152.4	7.07	179.6	300	20.7	30.0	36.0	5.00	100	PLT	T	4688-0589
Black	6	152.4	7.07	179.6	300	20.7	30.0	36.0	6.67	200	PLT	T	4688-0588

RECOMMENDED FOR: Transfer of refined fuels (commercial gasoline and diesel fuel) oils and other petroleum products. Ideal for offshore/onshore transfer applications involving suction and discharge service for diesel oils and other similar petroleum products where an extremely lightweight, hardwall, flexible hose with a high rated working pressure and a small minimum bend radius is required. Transfer of water, petroleum-based fluids, dilute acids, chemicals and abrasive slurries used in oil and gas well stimulation and fracking.

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Black Gold™ Fuel 300D
Formerly - Sea Horse™

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Black Gold™ Oilfield Service 400SD

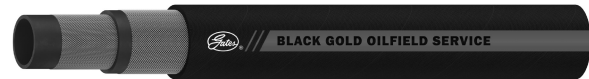


Chloroprene Cover

Color	Hose I.D.		Hose O.D.		Max. W.P.		Vac.	MBR	Wt. Per ft	Length	Std. Pack	Pkg Code	Gates Item No.
	(in)	(mm)	(in)	(mm)	(psi)	(Bar)	(In. Hg)	(in)	(Lbs.)	(ft)			
Black	2	50.8	2.84	72.1	400	27.6	30.0	15.0	2.03	200	PLT	T	4688-0590
Black	3	76.2	4.00	101.6	400	27.6	30.0	20.0	3.66	200	PLT	T	4688-0590



Black Gold™ Oilfield Service 400D



Chloroprene Cover

Color	Hose I.D.		Hose O.D.		Max. W.P.		Vac.	MBR	Wt. Per ft	Length	Std. Pack	Pkg Code	Gates Item No.
	(in)	(mm)	(in)	(mm)	(psi)	(Bar)	(In. Hg)	(in)	(Lbs.)	(ft)			
Black	2	50.8	2.70	68.6	400	27.6	10.0	17.0	1.51	200	PLT	T	4110-0715
Black	3	76.2	3.67	93.2	400	27.6	10.0	22.0	1.51	200	PLT	T	4110-0716
Black	4	101.6	4.83	122.7	400	27.6	10.0	30.0	3.43	200	PLT	T	4110-0717

MegaTuff™ UHMWPE Cover (Abrasion-Resistant)

Color	Hose I.D.		Hose O.D.		Max. W.P.		Vac.	MBR	Wt. Per ft	Length	Std. Pack	Pkg Code	Gates Item No.
	(in)	(mm)	(in)	(mm)	(psi)	(Bar)	(In. Hg)	(in)	(Lbs.)	(ft)			
Black	3	76.2	3.67	93.2	400	27.6	10.0	22.0	1.51	100	PLT	T	4110-1107
Black	3	76.2	3.67	93.2	400	27.6	10.0	22.0	1.51	200	PLT	T	4110-1101
Black	4	101.6	4.84	122.9	400	27.6	10.0	30.0	3.17	100	PLT	T	4110-1108
Black	4	101.6	4.84	122.9	400	27.6	10.0	30.0	3.10	200	PLT	T	4110-1102

RECOMMENDED FOR: Transfer of water, petroleum-based fluids, dilute acids, chemicals and abrasive slurries used in oil and gas well stimulation and fracking. Transfer of refined fuels (commercial gasoline, diesel fuel) oils and other petroleum products. Transfer hoses are designed for intermittent contact with refined fuels and must be drained after use. Ideal for offshore/onshore dock hose transfer applications involving discharge service for diesel oils and other similar petroleum products where an extremely lightweight, flexible hose with a high rated working pressure and a small minimum bend radius is required. For Bio-Diesel and other alternative fuel applications, see Fuel Master™ XTreme™. Petroleum transfer hoses may be used with all grades of Bio-Diesel only if the exposure is intermittent and the hose is drained between uses.

CAUTION: Do not convey fuels over +120°F (+49°C).

TEMPERATURE: -40°F to +180°F (-40°C to +82°C) continuous service.

CONSTRUCTION: **Tube:** Type C (Nitrile), Black.
Reinforcement: Multiple plies, synthetic textile, static filament.
Cover: Type A (Chloroprene), Black with red stripe.
Type L (Ultra High Molecular Weight Polyethylene) MegaTuff™ UHMWPE.
Design Factor: 4:1

COUPLINGS: 14, 15 or 71. Reference the Hose Coupling Section.

STANDARDS: **Tube:** ARPM (Class A) High oil-resistance.

AGRICULTURE

AIR BREATHING

AIR DUCT

AIR AND MULTI-PURPOSE

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ENGINE AND MARINE

MATERIAL HANDLING

MINING

OILFIELD

PETROLEUM

PRESSURE WASH AND WASHDOWN

STEAM

WATER

CLAMPS

COUPLINGS AND FERRULES

HOSE FINDER

CHEMICAL RESISTANCE TABLE

Black Gold™ Oilfield Service (100-150) SD

[illegible]

Black Gold™ Oilfield Frac 400SD



Color	Hose I.D.		Hose O.D.		Max. W.P.		Vac.	MBR	Wt. Per ft	Length	Std. Pack	Pkg Code	Gates Item No.
	(in)	(mm)	(in)	(mm)	(psi)	(Bar)	(In. Hg)	(in)	(Lbs.)	(ft)			
Black	4	101.6	4.78	121.4	400	27.6	30.0	38.0	3.92	100	PLT	T	4688-2222
Black	4	101.6	4.78	121.4	400	27.6	30.0	38.0	3.92	200	PLT	T	4688-2223

RECOMMENDED FOR: Heavy-duty, rugged hose that can serve applications such as transfer of hydraulic fracturing fluids, abrasive slurries and high-pressure water applications in oil and gas well stimulation and fracking. Can handle waste water that has gas or petroleum impurities.

40°F to +180°F (- 40°C to +82°C).

Black Gold™ Oilfield Frac 400D



Color	Hose I.D.		Hose O.D.		Max. W.P.		Vac.	MBR	Wt. Per ft	Length	Std. Pack	Pkg Code	Gates Item No.
	(in)	(mm)	(in)	(mm)	(psi)	(Bar)	(In. Hg)	(in)	(Lbs.)	(ft)			
Black	4	101.6	4.78	121.4	400	27.6	10.0	30.0	2.81	100	PLT	T	4110-0009
Black	4	101.6	4.78	121.4	400	27.6	10.0	30.0	2.81	200	PLT	T	4110-0010

RECOMMENDED FOR: Transfer of abrasive slurries used in oil and gas well stimulation and fracking, high-pressure water applications.

TEMPERATURE: -40°F to +180°F (-40°C to +82°C).

CONSTRUCTION: **Tube:** Type C (Nitrile), Black.
Reinforcement: Multiple plies, synthetic textile, static filament.
Cover: Type D (SBR), Black with white stripe.
Design Factor: 4:1

COUPLINGS: 71 (permanent crimp or swage) or 21 if pressure needed is 100 psi or below. Reference the Hose Coupling Section.

STANDARDS: Gates proprietary design.
Tube: ARPM (Class A) Nitrile for high oil-resistance.
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Characteristics of Oilfield and Fuel Transfer Hoses

Ratings are for normal or usual range of the specified compounds. Many are modified to meet the needs of specific applications.

Please read and observe all warnings and caution statements throughout this catalog.

Gates Type	Common Name or Trade Name	Elastomer	Weather/Ozone	Abrasion
A	Chloroprene (Neoprene) cover	Polychloroprene	Very Good	Very Good
C	Buna-N Nitrile	Acrylonitrile Butadiene	Poor	Fair
C1	HNBR	Hydrogenated Nitrile	Very Good	Good
C2	Modified Nitrile	Acrylonitrile Butadiene	Good	Good
C4	Modified Carboxylated Nitrile	Carboxylated Nitrile	Good	Excellent
D	Gum Rubber, Buna-S	Natural Rubber or Styrene Butadiene	Fair	Excellent
G	PVC	Polyvinyl Chloride (plasticized)	Excellent	Very Good
J	CPE	Chlorinated Polyethylene	Very Good	Good