



Industrial Hose

THE VALUE CONNECTION IN
FOOD & BEVERAGE
APPLICATIONSSM





THE VALUE CONNECTION RIGHT HOSE, RIGHT APPLICATION, RIGHT PRICE

Pure performance. That's what you look for in an Industrial Hose for food and beverage transfer applications. And Gates delivers. Whether the application is vegetable oil, flour, deep fryer fat, beverage or other food product, our lineup of food and beverage hose meets FDA and USDA sanitary standards. A variety of tube and cover materials, including our proprietary Sanitron™, lets you choose a hose ideally suited to your transfer needs. Our strict global manufacturing process ensures hose cleanliness inside and out. And our packaging keeps your hose clean and dry from our dock to yours. You can always count on a Gates food and beverage transfer hose for optimal performance at a competitive price. That's a winning recipe! We are **The Value Connection**.



GUARANTEED GATES

Gates is fully committed to meeting all your Industrial Hose needs. And our guarantee proves it: If your Gates Industrial Hose should fail due to defects in material or workmanship, we will replace or repair it free of charge.* **That's a commitment!**



*See Gates Industrial Hose Catalog No. 39496-000 for full warranty information.

FOR MORE INFORMATION, CONTACT YOUR AUTHORIZED GATES DISTRIBUTOR,
CALL YOUR GATES REPRESENTATIVE, OR VISIT WWW.GATES.COM/IH

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GET GATES CONNECTED™ FOR QUALITY HOSE AND MORE

Connect with Gates and get the best support in the business including: application assistance, expert local field sales assistance, troubleshooting help, an industry-leading safety program and an outstanding distributor network. To assist in choosing the right hose assembly, get a free Gates *Inspection and Preventive Maintenance for Industrial Hose Manual No. 39998* with tips on hose selection, safety, increasing hose life, minimizing downtime and reducing costly repairs. Our *Industrial Hose Catalog No. 39496-000* contains detailed product info, list prices, an easy-to-use Hose Finder, coupling recommendations and a Chemical Resistance Table. It's all geared to providing the knowledge, service and value you need to get the most for your hose dollar. That's what it means to be **Gates Connected!**



FOOD & BEVERAGE MASTER® Clean, smooth Sanitron™ tube

Recommended for: Featuring a glass-smooth Sanitron tube, Food & Beverage Master hose is ideal for the transfer of a range of products including milk, juices, soft drinks, pharmaceuticals, cosmetics and water-based products that require an FDA sanitary hose. It is also suitable for many dry bulk products via suction, pneumatic or gravity transfers where a sanitary hose is required.


Temperature range: -40°F to +230°F (-40°C to +110°C) continuous service.

Tube: Type S (Sanitron™). White.

Reinforcement: Synthetic, high tensile textile with static conductive filament; resilient monofilament helix providing crush and kink resistance.

Cover: Type P (EPDM). White or gray with burgundy spiral stripe.

Standards: Meets FDA, 3A-Class 3, and USDA requirements.

Branding: Continuous transfer label. Example:  Food & Beverage Master® Meets FDA, 3A and USDA 250 PSI WP (1.72MPa) Made In U.S.A.

Packaging: 100' length coiled and wrapped in polyethylene.



Nom. I.D. (In.)	Nom. O.D. (mm)	Max. W.P. (psi)	Suction (In. Hg)	Min. Bend Radius (In.)	Wt. Per Ft. (Lbs.)	Standard Pack	Stock (X) or Min. Order Qty.	Gates Product No.
White Cover								
3/4	19.1	1.22	31.0	250	30	2.0	0.42	100 ft. X 3132-0222
1	25.4	1.48	37.6	250	30	3.0	0.52	100 ft. X 3132-0216
1 1/2	38.1	2.07	52.6	250	30	4.5	0.90	100 ft. X 3132-0217
2	50.8	2.62	66.5	250	30	6.0	1.20	100 ft. X 3132-0218
2 1/2	63.5	3.25	82.6	250	30	12.0	1.81	100 ft. X 3132-0219
3	76.2	3.86	98.0	250	30	18.0	2.46	100 ft. X 3132-0220
4	101.6	4.88	124.0	250	30	36.0	3.24	100 ft. X 3132-0221
Gray Cover								
3/4	19.1	1.22	31.0	250	30	2.0	0.42	100 ft. 400 ft. 3132-0263
1	25.4	1.48	37.6	250	30	3.0	0.52	100 ft. 400 ft. 3132-0264
1 1/2	38.1	2.07	52.6	250	30	4.5	0.90	200 ft. 400 ft. 3132-0066
1 1/2	38.1	2.07	52.6	250	30	4.5	0.90	100 ft. 400 ft. 3132-0265
2	50.8	2.62	66.5	250	30	6.0	1.20	100 ft. 400 ft. 3132-0266
2 1/2	63.5	3.25	82.6	250	30	12.0	1.81	200 ft. 400 ft. 3132-0067
2 1/2	63.5	3.25	82.6	250	30	12.0	1.81	100 ft. 400 ft. 3132-0267
3	76.2	3.86	98.0	250	30	18.0	2.47	100 ft. 400 ft. 3132-0268
4	101.6	4.88	124.0	250	30	36.0	3.24	100 ft. 400 ft. 3132-0269



GATES VALUE POINT: SANITRON™



Sanitron is a proprietary elastomer blend developed by Gates for use in Food & Beverage Master®, Cellar Master® and Cellar Master® Light hose products. As a tube material, Sanitron provides a glass-smooth interior surface for efficient product flow – a smoothness competitors can't match. It will not discolor foods and beverages or impart any unusual taste or odor during product transfer. And Sanitron is a snap to clean using open-end steam or high-temperature cleaning solutions up to 230°F. It meets all FDA and USDA standards and regulations. A food processor's dream – only from Gates.

CELLAR MASTER® For vintage reds, whites, and more

Recommended for: In the making of wine, nothing is more important than taste and bouquet. That's why Cellar Master hose is the perfect choice for wine as well as other water based products. It is an FDA sanitary hose with a Sanitron™ tube, flexible construction and reinforcement to resist kinking and crushing. It will not impart an unusual odor or taste to the finished product. The wine maker's taste always comes through.


Temperature range: -40°F to +230°F (-40°C to +110°C) continuous service.

Tube: Type S (Sanitron™). White.

Reinforcement: Synthetic, high tensile textile with resilient monofilament helix providing crush and kink resistance.

Cover: Type P (EPDM). White with burgundy spiral stripe.

Standards: Meets FDA, 3A-Class 3, and USDA requirements.

Branding: Continuous transfer label.
Example:  Cellar Master® Meets FDA, 3A and USDA 250 PSI (1.72MPa) WP Made In U.S.A.

Packaging: 100' length coiled and wrapped in polyethylene.



Nom. I.D. (In.)	Nom. O.D. (mm)	Nom. O.D. (In.)	Max. W.P. (psi)	Suction (In. Hg)	Min. Bend Radius (In.)	Wt. Per Ft. (Lbs.)	Standard Pack	Stock (X) or Min. Order Qty.	Gates Product No.
1	25.4	1.48	37.6	250	30	3.0	0.52	100 ft.	200 ft. 3132-0180
1 1/2	38.1	2.07	52.6	250	30	4.5	0.90	100 ft.	200 ft. 3132-0181
2	50.8	2.62	66.5	250	30	6.0	1.20	100 ft.	200 ft. 3132-0182
2 1/2	63.5	3.25	82.6	250	30	12.0	1.81	100 ft.	200 ft. 3132-0186
3	76.2	3.86	98.0	250	30	18.0	2.46	100 ft.	200 ft. 3132-0183
4	101.6	4.88	124.0	250	30	36.0	3.24	100 ft.	200 ft. 3132-0184

CELLAR MASTER® LIGHT Lightweight, flexible, sturdy, and clean

Recommended for: Cellar Master® Light hose is specially designed to efficiently and economically move products through your wine-making process, including pumping of must, juices and finished wines. This lightweight, highly flexible FDA sanitary hose makes transporting, positioning and storage easier than ever.

Temperature range: -40°F to +212°F (-40°C to +100°C) continuous service.

Tube: Type S (Sanitron™). White.

Reinforcement: Synthetic, high tensile textile with resilient monofilament helix providing crush and kink resistance.

Cover: Type P (EPDM). Gray with maroon spiral stripe.

Standards: Meets FDA, 3A-Class 3, and USDA requirements.

Branding: Continuous transfer label.
Example:  Cellar Master® Light Meets FDA, 3A and USDA 150 PSI (1.03MPa) WP Made In U.S.A.

Packaging: 100' length coiled and wrapped in polyethylene.



Nom. I.D. (In.)	Nom. O.D. (mm)	Nom. O.D. (In.)	Max. W.P. (psi)	Suction (In. Hg)	Min. Bend Radius (In.)	Wt. Per Ft. (Lbs.)	Standard Pack	Stock (X) or Min. Order Qty.	Gates Product No.
1 1/2	38.1	2.00	50.8	150	30.0	6.0	0.77	100 ft.	200 ft. 3132-0171
2	50.5	2.50	63.5	150	30.0	12.0	0.96	100 ft.	X 3132-0172
2 1/2	63.5	3.11	79.0	150	30.0	22.0	1.53	100 ft.	200 ft. 3132-0173
3	76.2	3.75	95.3	150	30.0	20.0	2.13	100 ft.	200 ft. 3132-0174
4	101.6	4.76	120.9	150	30.0	28.0	2.82	100 ft.	200 ft. 3132-0175

FOOD MASTER® LITE™ For bulk transfer applications

Recommended for: Use Food Master Lite hose in transfer applications for a wide variety of food products including animal fat, vegetable oil and other edible oils at temperatures up to 230°F. This FDA sanitary hose is ideal for tank truck, barge, ship or storage tank transfers. It is also suitable for transfers of ice cream and other dairy products requiring 3A-Class 3 standards.



Temperature range: -40°F to +230°F (-40°C to +110°C) continuous service.

Tube: Type C₂ (Modified Nitrile). Sanitary FDA and 3A-Class 3. White.

Reinforcement: Synthetic, high tensile textile with steel wire helix.

Cover: Type C₂ (Modified Nitrile). White corrugated with burgundy spiral stripe.

Standards: Tube meets FDA, 3A-Class 3, and USDA requirements.

Branding: Continuous transfer label. Example:  Food Master® Lite™  Meets FDA, 3A and USDA 150 PSI (1.03MPa) WP Made In U.S.A.

Packaging: All lengths coiled and wrapped in polyethylene.



Nom. I.D. (In.)	Nom. O.D. (mm)	Max. W.P. (psi)	Suction (In. Hg)	Min. Bend Radius (In.)	Wt. Per Ft. (Lbs.)	Standard Pack	Stock (X) or Min. Order Qty.	Gates Product No.	
3/4	19.1	1.33	33.8	150	30	2.0	0.65	100 ft. X	3133-0001
1	25.4	1.58	40.1	150	30	3.0	0.79	100 ft. X	3133-0002
1 1/2	38.1	2.10	53.3	150	30	4.5	1.14	100 ft. X	3133-0003
2	50.8	2.60	66.0	150	30	6.0	1.50	100 ft. X	3133-0004
2 1/2	63.5	3.13	79.5	150	30	12.0	1.98	100 ft. X	3133-0005
3	76.2	3.63	92.2	150	30	18.0	2.35	100 ft. X	3133-0006
4	101.6	4.65	118.1	150	30	24.0	3.12	100 ft. X	3133-0007
6	152.4	6.74	171.2	150	30	36.0	5.60	50 ft. X	3133-0008

SANI-PURE™ Lightweight discharge transfer hose

Recommended for: For a discharge-only bulk transfer hose, Sani-Pure hose is a top performer. With no wire helix to weigh it down, it's lightweight and flexible for tank truck, barge, ship or storage tank discharge transfers of food products such as animal fat, vegetable oil and other edible oils at temperatures up to 230°F. Sani-Pure hose is an FDA sanitary hose and is also suitable for ice cream and other dairy products requiring 3A-Class 3 standards.



Temperature range: -40°F to +230°F (-40°C to +110°C) continuous service.

Tube: Type C₂ (Modified Nitrile). Sanitary FDA and 3A-Class 3. White.

Reinforcement: Synthetic, high tensile textile.

Cover: Type C₂ (Modified Nitrile). White with burgundy spiral stripe.

Standards: Tube meets FDA, 3A-Class 3, and USDA requirements.

Branding: Continuous transfer label. Example:  Sani-Pure™  Meets FDA, 3A and USDA 150 PSI (1.03MPa) WP Made In U.S.A.

Packaging: All lengths coiled and wrapped in polyethylene.



Nom. I.D. (In.)	Nom. O.D. (mm)	Max. W.P. (psi)	Suction (In. Hg)	Min. Bend Radius (In.)	Wt. Per Ft. (Lbs.)	Standard Pack	Stock (X) or Min. Order Qty.	Gates Product No.	
1 1/2	38.1	2.07	52.6	150	—	18.0	0.97	100 ft. 200 ft.	3131-0001
2	50.8	2.57	65.3	150	—	24.0	1.25	100 ft. X	3131-0002
2 1/2	63.5	3.08	78.2	150	—	30.0	1.65	100 ft. 200 ft.	3131-0003
3	76.2	3.58	90.9	150	—	36.0	1.90	100 ft. 200 ft.	3131-0004
4	101.6	4.61	117.1	150	—	48.0	2.77	100 ft. 200 ft.	3131-0005
6	152.4	6.64	168.7	150	—	72.0	4.10	50 ft. 200 ft.	3131-0006

690SB BULK COMMODITY Flour, sugar, syrup, and grains

Recommended for: With its natural rubber components, steel wire helix reinforcement and corrugated cover, 690SB hose is ideal for the bulk transfer of food products such as flour, sugar, syrup and edible grains where a strong, flexible, FDA sanitary tube is required. It can be used in suction, pneumatic or gravity systems. **NOTE: Not recommended for vinegar, mustard or other compounds containing acetic acid.**


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

Tube: Type D2 (Natural Rubber). Sanitary FDA. White. 3/16" thick.

Reinforcement: Synthetic, high tensile textile with steel wire helix.

Cover: Type D₃ (Natural Rubber). Gray corrugated with burgundy spiral stripe.

Standards: Tube meets FDA requirements.

Branding: Continuous transfer label. Example:  690SB Food-Beverage Transfer Meets FDA 100 PSI (.69MPa) 3/16 Inch Tube Made In U.S.A.

Packaging: Coiled and wrapped in polyethylene.



Nom. I.D. (In.)	Nom. O.D. (mm)	Nom. O.D. (In.)	Max. W.P. (psi)	Suction (In. Hg)	Min. Bend Radius (In.)	Wt. Per Ft. (Lbs.)	Standard Pack	Stock (X) or Min. Order Qty.		Gates Product No.
1 1/2	38.1	2.23	56.6	150	30	10.0	1.41	100 ft.	X	4693-0205
2	50.8	2.75	69.9	150	30	12.0	1.88	100 ft.	X	4693-0210
2 1/2	63.5	3.23	82.0	125	30	15.0	2.25	100 ft.	X	4693-0220
3	76.2	3.75	95.3	100	30	18.0	2.73	100 ft.	X	4693-0225
4	101.6	4.71	119.6	75	30	24.0	3.51	100 ft.	X	4693-0235
5	127.0	5.75	146.0	55	30	30.0	4.30	50 ft.	X	4693-0251
6	152.4	6.91	175.5	50	30	36.0	7.08	50 ft.	X	4693-0260

692SB BULK COMMODITY Fats, oils, and acetic acid applications

Recommended for: The neoprene tube and cover on 692SB hose make it a good choice for transferring animal fat, vegetable oil and other edible oils at temperatures up to 180°F where an FDA sanitary hose is required. It can also be used for soybeans, vinegar, mustard, cider, salad dressings and other acetic acid applications.


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

Tube: Type A₂ (Neoprene). Sanitary FDA. White. 1/8" thick.

Reinforcement: Synthetic, high tensile textile with steel wire helix.

Cover: Type P (EPDM). Tan corrugated with burgundy spiral stripe.

Standards: Tube meets FDA, 3A, and USDA requirements.

Branding: Continuous transfer label. Example:  692SB Edible Fats-Oils Transfer Meets FDA 125 PSI (.86MPa) Made In U.S.A.

Packaging: All lengths coiled and wrapped in polyethylene.



Nom. I.D. (In.)	Nom. O.D. (mm)	Nom. O.D. (In.)	Max. W.P. (psi)	Suction (In. Hg)	Min. Bend Radius (In.)	Wt. Per Ft. (Lbs.)	Standard Pack	Stock (X) or Min. Order Qty.		Gates Product No.
1 1/2	38.1	2.07	52.6	150	30	9.0	1.13	100 ft.	400 ft.	4693-0105
2	50.8	2.60	66.0	150	30	12.0	1.46	100 ft.	X	4693-0110
2 1/2	63.5	2.85	72.4	125	30	15.0	1.77	100 ft.	400 ft.	4693-0116
3	76.2	3.52	89.4	125	30	18.0	2.20	100 ft.	X	4693-0125
4	101.6	4.55	115.6	75	30	24.0	2.96	100 ft.	X	4693-0135
6	152.4	6.74	171.2	50	25	36.0	5.61	50 ft.	200 ft.	4693-0160

610W BULK COMMODITY Pneumatic transfer of dry products

Recommended for: Use 610W hose to move large quantities of dry food products via pneumatic transfer. With a tube and cover made of natural rubber, it handles flour and other dry foods where an FDA sanitary hose is required.


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

Tube: Type D₂ (Natural Rubber). Sanitary FDA. White. 3/16" thick.

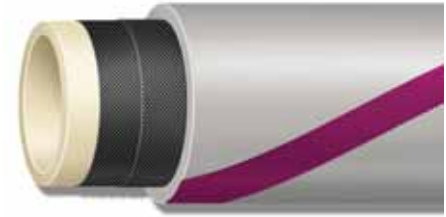
Reinforcement: Synthetic, high tensile textile with static conductor.

Cover: Type D₃ (Natural Rubber). Gray with burgundy spiral stripe.

Standards: Tube meets FDA requirements.

Branding: Continuous transfer label. Example:  610W Dry Food Transfer Meets FDA 40 PSI (.28MPa) WP Made In U.S.A.

Packaging: Coiled and wrapped in polyethylene.



Nom. I.D. (In.)	Nom. O.D. (mm)	Nom. I.D. (In.)	Nom. O.D. (mm)	Max. W.P. (psi)	Suction (In. Hg)	Min. Bend Radius (In.)	Wt. Per Ft. (Lbs.)	Standard Pack	Stock (X) or Min. Order Qty.		Gates Product No.
									Order Qty.	Product No.	
4	101.6	4.56	115.8	40	—	48.0	2.22	100 ft.	X		3132-0782
5	127.0	5.56	141.2	30	—	60.0	2.73	100 ft.	X		3132-0793
6	152.4	6.56	166.6	25	—	72.0	3.25	100 ft.	X		3132-0797

MASTER-FLEX® 200CL Clear bulk transfer hose

Recommended for: Master-Flex 200CL hose has a smooth, clear cover and is designed to transfer bulk food products via suction, pneumatic or gravity systems where sanitary hose is required.

Temperature range: -10°F to +130°F (-23°C to +55°C) continuous service.

Tube: Type G (PVC). Sanitary FDA. Clear. Smooth.

Reinforcement: Rigid thermoplastic reinforcement. Clear.

Cover: Type G (PVC). Sanitary FDA. Clear. Smooth.

Standards: Meets FDA, 3A, and USDA requirements.

Branding: Unlabeled.

Packaging: Coiled and wrapped in polyethylene.



Nom. I.D. (In.)	Nom. O.D. (mm)	Nom. I.D. (In.)	Nom. O.D. (mm)	Max. W.P. (psi)	Suction (In. Hg)	Min. Bend Radius (In.)	Wt. Per Ft. (Lbs.)	Standard Pack	Stock (X) or Min. Order Qty.		Gates Product No.
									Order Qty.	Product No.	
1	25.4	1.29	32.8	100	28	3.0	0.30	100 ft.	X		7744-4101
1 1/4	31.8	1.56	39.6	90	28	4.0	0.38	100 ft.	X		7744-4102
1 1/2	38.1	1.84	46.7	90	28	5.0	0.48	100 ft.	X		7744-4103
2	50.8	2.39	60.7	70	28	6.0	0.71	100 ft.	X		7744-4104
2 1/2	63.5	2.92	74.2	65	28	8.0	0.97	100 ft.	X		7744-4105
3	76.2	3.46	87.9	60	28	9.0	1.27	100 ft.	X		7744-4106
4	101.6	4.56	115.8	50	28	12.0	2.01	100 ft.	X		7744-4107

MASTER-FLEX® 201CR Corrugated bulk transfer hose

Recommended for: Master-Flex 201CR hose provides the added flexibility and smaller bend radius of a corrugated cover for the transfer of bulk food products via suction, pneumatic or gravity systems when a sanitary hose is called for.

Temperature range: -10°F to +130°F (-23°C to +55°C) continuous service.

Tube: Type G (PVC). Sanitary FDA. Clear. Smooth.

Reinforcement: Rigid thermoplastic helix. Clear.

Cover: Type G (PVC). Sanitary FDA. Clear. Corrugated.

Standards: Meets FDA and USDA requirements.

Branding: Unlabeled.

Packaging: Coiled and wrapped in polyethylene.



Nom. I.D. (In.)	Nom. O.D. (mm)	Nom. O.D. (In.)	Max. W.P. (psi)	Suction (In. Hg)	Min. Bend Radius (In.)	Wt. Per Ft. (Lbs.)	Standard Pack	Stock (X) or Min. Order Qty.	Gates Product No.
1	25.4	1.26	32.0	40	28	2.0	100 ft.	X	7744-4301
1 1/4	31.8	1.61	40.9	50	28	3.0	100 ft.	X	7744-4302
1 1/2	38.1	1.82	46.2	50	28	3.0	100 ft.	X	7744-4303
2	50.8	2.44	62.0	40	28	4.0	100 ft.	X	7744-4304
2 1/2	63.5	2.98	75.7	40	28	5.0	100 ft.	X	7744-4305
3	76.2	3.54	89.9	35	28	6.0	100 ft.	X	7744-4306
4	101.6	4.65	118.1	35	28	8.0	100 ft.	X	7744-4307

MASTER-FLEX® 202SW Static-conductive bulk transfer hose

Recommended for: Master-Flex 202SW hose can be used for transfer of bulk food products via suction, pneumatic or gravity systems where sanitary hose is required. An embedded static wire makes it ideal for pneumatic conveying systems when moving powders, pellets or granular materials.

Temperature range: -10°F to +130°F (-23°C to +55°C) continuous service.

Tube: Type G (PVC). Sanitary FDA. Clear. Smooth.

Reinforcement: Rigid thermoplastic helix. Clear. Embedded static wire to prevent a build up of static electricity.

Cover: Type G (PVC). Sanitary FDA. Clear. Corrugated.

Standards: Meets FDA and USDA requirements.

Branding: Unlabeled.

Packaging: Coiled and wrapped in polyethylene.



Nom. I.D. (In.)	Nom. O.D. (mm)	Nom. O.D. (In.)	Max. W.P. (psi)	Suction (In. Hg)	Min. Bend Radius (In.)	Wt. Per Ft. (Lbs.)	Standard Pack	Stock (X) or Min. Order Qty.	Gates Product No.
2	50.8	2.37	60.2	40	28	4.0	100 ft.	X	7744-4420
2 1/2	63.5	3.01	76.5	40	28	4.0	100 ft.	X	7774-4425
3	76.2	3.05	77.5	35	28	6.0	100 ft.	X	7744-4430
4	101.6	4.54	115.3	35	28	8.0	100 ft.	X	7744-4440



GATES VALUE POINT: MONOFILAMENT HELIX



Food & Beverage Master®, Cellar Master® and Cellar Master® Light hoses are made with a monofilament polyethylene helix instead of the traditional wire helix. This material provides the needed flexibility and kink resistance, while at the same time offers outstanding crush resistant capability. The result is longer hose life when occasional crush damage to the hose occurs. This helix also does not rust, and the hose construction is suitable for full vacuum (30" Hg), making Food & Beverage Master the premium hose in the business.

TUFFLEX® FOOD For compressed liquids and air

Recommended for: Tufflex Food PVC hose is ideal for transferring compressed liquids and air in food and beverage applications. Components are nontoxic and made of an FDA-approved formula for food processing. Tufflex Food hose is also approved for use in USDA meat and poultry plants.

Temperature range: -10°F to +130°F (-23°C to +55°C) continuous service.

Tube: Type G (PVC). Nontoxic. Clear.

Reinforcement: Synthetic reinforcement.

Cover: Type G (PVC). Nontoxic. Clear. Smooth.

Standards: Meets FDA and USDA requirements.

Branding: Made In Japan

Packaging: Coiled and wrapped in polyethylene.



Nom. I.D. (In.)	Nom. O.D. (mm)	Nom. O.D. (In.)	Max. W.P. (psi)	Suction (In. Hg)	Min. Bend Radius (In.)	Wt. Per Ft. (Lbs.)	Standard Pack	Stock (X) or Min. Order Qty.	Gates Product No.
1/4	6.4	0.47	11.9	250	—	0.07	300 ft.	X	7744-4501
3/8	9.5	0.63	16.0	200	—	0.11	300 ft.	X	7744-4502
1/2	12.7	0.75	19.1	200	—	0.13	300 ft.	X	7744-4503
5/8	15.9	0.88	22.4	200	—	0.15	300 ft.	X	7744-4504
3/4	19.1	1.03	26.2	150	—	0.20	300 ft.	X	7744-4505
1	25.4	1.31	33.3	125	—	0.32	100 ft.	X	7744-4506
1 1/4	31.8	1.75	44.5	100	—	0.63	100 ft.	1,000 ft.	7744-4507
1 1/2	38.1	2.00	50.8	75	—	0.74	100 ft.	1,000 ft.	7744-4508
2	50.8	2.50	63.5	75	—	0.95	100 ft.	1,000 ft.	7744-4509

AQUARIUS® POTABLE WATER High pressure liquids transfer for drilling rigs


Recommended for: Aquarius hose is designed to transfer potable water, non-potable water or liquids not containing oils or chemicals. It is ideal for use between supply ships and offshore drilling rigs or platforms, and for liquid transfer applications on offshore or onshore drilling rigs or platforms. It is a lightweight, flexible hose with a tight bend radius and a high rated working pressure in long continuous lengths.

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

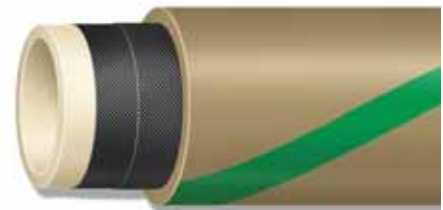
Tube: Type D₂ (Food Grade Natural Rubber). White.

Reinforcement: Multiple plies of synthetic cord.

Cover: Type P (EPDM). Tan with green spiral stripe. Abrasion and weather resistant.

Branding: Continuous transfer label. Example:  Aquarius® Potable Water meets FDA stds. 200 PSI (1.38MPa) WP Made In U.S.A.

Packaging: 200' length coiled and wrapped in polyethylene.



Nom. I.D. (In.)	Nom. O.D. (mm)	Nom. O.D. (In.)	Max. W.P. (psi)	Suction (In. Hg)	Min. Bend Radius (In.)	Wt. Per Ft. (Lbs.)	Standard Pack	Stock (X) or Min. Order Qty.	Gates Product No.
1	25.4	1.53	38.9	300	15	10.0	200 ft.	400 ft.	3132-0803
2	51.0	2.70	68.6	300	10	14.0	200 ft.	400 ft.	3132-0815
3	76.0	3.70	94.0	200	10	21.0	200 ft.	400 ft.	3132-0823
4	102.0	4.70	119.0	150	10	28.0	200 ft.	400 ft.	3132-0832



INDUSTRIAL HOSE APPLICATION GUIDE

Gates lineup of high quality Industrial Hose products meets the demanding requirements in a diverse range of industrial applications.



ACID-CHEMICAL

Suction and discharge of mild to highly corrosive acids and chemicals in transport or production applications.

Stallion® • Stallion® Crush Resistant • Mustang® 45HW • Mustang® Crush Resistant • Appaloosa® • Renegade™ • Colt® • Thermo AG® 570 • Thermo AG® 800 • 77B Paint Spray & Chemical



AIR & MULTI-PURPOSE

Versatile, flexible, durable hose to handle air, water and other materials in industries including mining and construction.

19B Plant Master® • 119B Plant Master® • Terminator® • LOL Plus • Python® Plus • Premo Flex® • 6B Dura Master® • Duro Flex® • Adapta Flex™ • Tufflex® Plus • 319MB Gold Master® • 1000 MP/Mine Spray • 3619MC Longwall Mine • 18MB Air Drill (Wire Braid) • 500MP/Air Drill (Wire Braid) • 63SB Air & Vapor Duct • 163SB Air & Vapor Duct • Ohmega®



PETROLEUM TRANSFER & DISPENSING

Discharge and suction hose for crude oil, drilling mud, salt and fresh water, diesel fuels, propane, butane, gasoline dispensing and more.

Longhorn® • Longhorn® AF • Steer® • Maverick™ • Master-Flex® Fuel Delivery & Sleeve • Master-Flex® Vapor Recovery & Sleeve • Super-Vac® • SeaHorse® & SeaHorse® 400 Fuel Transfer • SeaHorse® HW & SeaHorse® 400 HW Fuel Transfer • Trident™ 400 • LP350 & LP350X Butane-Propane • LPG Vapor • Blacksnake® Curb Pump • Fuel Oil Delivery



FOOD & BEVERAGE

Sanitary hose for grains, powders, flour, dry foods, oils, syrup, dairy, juices, beer, wine, acetic acid products and bulk commodities.

Food & Beverage Master® • Cellar Master® • Cellar Master® Light • Food Master® Lite™ • Sani-Pure™ • 690SB Bulk Commodity • 692SB Bulk Commodity • 610W Bulk Commodity • Master-Flex® 200CL • Master-Flex® 201CR • Master-Flex® 202SW • Tufflex® Food • Aquarius® Potable Water



MATERIAL HANDLING

Tough hose for moving abrasive materials such as sand, shot, dry cement, slurries, gravel, feed and seed as well as vacuum applications.

609W Dry Cement Delivery • 688SB Bulk Commodity • Hot Air Blower • 770SB Light Duty Vacuum • 429W Sand Blast • Master-Flex® 300 EPDM • Master-Flex® 400



WATER

Light duty to heavy duty suction and/or discharge hose for water and light chemicals in agricultural, construction and industrial applications.

Shark® • Barracuda® • Steelhead® • Marlin® • Dolphin® • Master-Flex® 500 • Master-Flex® 100GR • Master-Flex® 101CL • 75W Water Discharge • 76W Water Discharge



PRESSURE WASHER & WASHDOWN

Durable, reliable hose to handle the temperatures and operating pressures of processing plant equipment washdown and other water cleanup applications.

PowerClean™ • Pressure Washer Assemblies • Creamery/Paper Mill Washdown • Cyclone® Washdown



STEAM

Dependable hose that handles pressures up to 250 psi and temperatures up to 450°F, including superheated and saturated steam.

205MB Steam King® • 232MB Steam Queen®



MARINE

Superb durability and flexibility for a wide variety of low-pressure and high-pressure engine and transfer connections on pleasure craft and commercial boats.

Engine Coolant • USCG Type A & B Fuel Line • USCG Type A & B Fuel Fill • Fuel Tank Fill • Fuel Line • Fuel Line & Tank Vent • Heater • Vacuum Tubing • Water/Sanitation • Wet Exhaust • Stainless Steel Clamps • High Pressure Hose • Extremely High Pressure Hose • Stainless Steel Braided Hose for Fleet Applications



HOW TO ORDER

Order all Gates Industrial Hose products and assemblies through your Authorized Gates Distributor. Specify length or quantity required and either the hose type and size or the Gates Product Number listed in this brochure. For assistance in ordering the proper hose for your application, refer to the *Gates Industrial Hose Catalog 39496-000, July 2009*, which contains an easy-to-use Hose Finder, a comprehensive Chemical Resistance Table and a Coupling Guide. Your Gates Distributor or Gates Field Sales Representative can provide further help in selection. For in-depth technical support, contact Gates Product Application. Our *Industrial Hose Catalog* can be viewed online at www.gates.com/catalogs

Couplings

For information on coupling selection, installation and sources, refer to *Gates Industrial Hose Catalog 39496-000, July 2009*, contact your Gates Authorized Distributor, or call Gates Product Application.

Special Orders

Special production runs, including non-standard colors and customized branding labels, require minimum order quantities. Contact Gates Customer Service for more information.

Remnant Lengths

Remnant lengths are sometimes available in popular sizes at a discount. Contact Gates Customer Service for pricing, order requirements, and availability.

For more information on Gates Industrial Hose or to locate an Authorized Gates Distributor near you, contact Gates Customer Service or visit www.gates.com/IH

Gates Customer Service: 800-366-3128

Gates Product Application: 303-744-5070

www.gates.com/IH

Warning

All Industrial Hose assemblies have a limited life on a given application. Assuming the correct hose has been selected, this service life can be adversely affected by factors including external abuse, excessive pressures, high temperatures, misapplication, and internal abrasion. Should a hose assembly fail during use, serious injury or destruction of property could result from propelled couplings, whipping hose, high pressure or high velocity discharge, chemical contact, high temperature materials, explosion or fire. Contact Gates Product Application for assistance and hose recommendations on specific applications and any acid-chemical application above +125°F (+52°C).



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