



Food and Beverage Hose

Food & Beverage Master®

(Specification 3132C, 3132H)

White Cover (3132C)

Nom. I.D.	Ø	Nom. O.D.	Ø	Max. W.P.	⊕	Suction	Ø	Min. Bend Radius	R _b	Wt. Per Ft.	⚖	Standard Pack	Stock (X) or Minimum Order Qty.	Gates Item No.	List Price Per Ft.
(In.)	(mm)	(In.)	(mm)	(psi)	(MPa)	(In. Hg)	(mm Hg)	(In.)	(mm)	(Lbs.)	(Kg)				
3/4	19.1	1.22	31.0	250	1.72	30.0	762	2.0	51	.42	.19	100 ft.	X	3132-0222	\$32.61
1	25.4	1.48	37.6	250	1.72	30.0	762	3.0	76	.52	.24	100 ft.	X	3132-0216	40.82
1 1/2	38.1	2.07	52.6	250	1.72	30.0	762	4.5	114	.90	.41	100 ft.	X	3132-0217	46.31
2	50.8	2.62	66.6	250	1.72	30.0	762	6.0	152	1.19	.54	100 ft.	X	3132-0218	57.95
2 1/2	63.5	3.25	82.6	250	1.72	30.0	762	12.0	305	1.81	.82	100 ft.	X	3132-0219	77.63
3	76.2	3.86	98.0	250	1.72	30.0	762	18.0	457	2.46	1.12	100 ft.	X	3132-0220	85.82
4	101.6	4.88	124.0	250	1.72	30.0	762	36.0	914	3.24	1.47	100 ft.	X	3132-0221	124.68

Gray Cover (3132H)

Nom. I.D.	Ø	Nom. O.D.	Ø	Max. W.P.	⊕	Suction	Ø	Min. Bend Radius	R _b	Wt. Per Ft.	⚖	Standard Pack	Stock (X) or Minimum Order Qty.	Gates Item No.	List Price Per Ft.
(In.)	(mm)	(In.)	(mm)	(psi)	(MPa)	(In. Hg)	(mm Hg)	(In.)	(mm)	(Lbs.)	(Kg)				
3/4	19.1	1.22	31.0	250	1.72	30.0	762	2.0	51	.42	.19	100 ft.	400 ft.	3132-0263	\$32.61
1	25.4	1.48	37.6	250	1.72	30.0	762	3.0	76	.52	.24	100 ft.	400 ft.	3132-0264	40.82
1 1/2	38.1	2.07	52.6	250	1.72	30.0	762	4.5	114	.90	.41	100 ft.	X	3132-0265	46.31
1 1/2	38.1	2.07	52.6	250	1.72	30.0	762	4.5	114	.90	.41	200 ft.	400 ft.	3132-0066	46.31
2	50.8	2.62	66.6	250	1.72	30.0	762	6.0	152	1.21	.55	100 ft.	X	3132-0266	57.95
2 1/2	63.5	3.25	82.6	250	1.72	30.0	762	12.0	305	1.81	.82	100 ft.	400 ft.	3132-0267	77.63
2 1/2	63.5	3.25	82.6	250	1.72	30.0	762	12.0	305	1.81	.82	200 ft.	400 ft.	3132-0067	77.63
3	76.2	3.86	98.0	250	1.72	30.0	762	18.0	457	2.46	1.12	100 ft.	X	3132-0268	85.82
4	101.6	4.88	124.0	250	1.72	30.0	762	36.0	914	3.24	1.47	100 ft.	X	3132-0269	124.68

RECOMMENDED FOR: Transfer of milk, juice, beer, soft drinks, pharmaceuticals, cosmetics or water-based products requiring an FDA sanitary hose. Food and Beverage Master is also suitable for many dry bulk products via suction, pneumatic or gravity where a sanitary hose is required.

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

CONSTRUCTION:
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.
Design Factor: 4:1

COUPLINGS: 1 or stainless steel, 8 or stainless steel, 34, 71. Reference the Hose Coupling Section.

PACKAGING: 100' coiled and wrapped in polyethylene.

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

SPECIAL ORDER REQUIREMENTS: Special production runs require minimum order quantities of 400 feet per size. If a special transfer label is required, contact Gates Corporation for minimum quantity. Specific cut lengths available through the Cut Length Program. Contact Customer Service for details.

REMNANT LENGTHS: Remnant lengths are sometimes available in popular sizes at a discount. Contact Gates Corporation for pricing, order requirements and availability.

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

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





Food and Beverage Hose

Cellar Master®

(Specification 3132C)

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

Nom. I.D.	⊖	Nom. O.D.	⊖	Max. W.P.	⊖	Suction	⊖	Min. Bend Radius	⊖	Wt. Per Ft.	⊖	Standard Pack	Stock (X) or Minimum Order Qty.	Gates Item No.	List Price Per Ft.
(In.)	(mm)	(In.)	(mm)	(psi)	(MPa)	(In. Hg)	(mm Hg)	(In.)	(mm)	(Lbs.)	(Kg)				
1	25.4	1.48	37.6	250	1.72	30.0	762	3.0	76	.52	.24	100 ft.	200 ft.	3132-0180	\$40.82
1 1/2	38.1	2.07	52.6	250	1.72	30.0	762	4.5	114	.97	.44	100 ft.	200 ft.	3132-0181	46.31
2	50.8	2.62	66.6	250	1.72	30.0	762	6.0	152	1.32	.60	100 ft.	200 ft.	3132-0182	57.95
2 1/2	63.5	3.25	82.6	250	1.72	30.0	762	12.0	305	1.60	.73	100 ft.	200 ft.	3132-0186	77.63
3	76.2	3.86	98.0	250	1.72	30.0	762	18.0	457	2.20	1.00	100 ft.	200 ft.	3132-0183	85.82
4	101.6	4.88	124.0	250	1.72	30.0	762	36.0	914	2.75	1.25	100 ft.	200 ft.	3132-0184	124.68

RECOMMENDED FOR: Wine, beer or water based products requiring an FDA sanitary hose.

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

CONSTRUCTION: **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.
Design Factor: 4:1

COUPLINGS: 1 or stainless steel, 8 or stainless steel, 34, 71. Reference the Hose Coupling Section.

PACKAGING: 100' length coiled and wrapped in polyethylene.

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

SPECIAL ORDER REQUIREMENTS: Special production runs require minimum order quantities of 400 feet per size. If a special transfer label is required, contact Gates Corporation for minimum quantity. Specific cut lengths available through the Cut Length Program. Contact Customer Service for details.

REMNANT LENGTHS: Remnant lengths are sometimes available in popular sizes at a discount. Contact Gates Corporation for pricing, order requirements and availability.

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





Food and Beverage Hose

Cellar Master® Light

(Specification 3132LW)

Nom. I.D.	⊖	Nom. O.D.	⊕	Max. W.P.*	⊕	Suction*	⊖	Min. Bend Radius	⊕	Wt. Per Ft.	⊕	Standard Pack	Stock (X) or Minimum Order Qty.	Gates Item No.	List Price Per Ft.
(In.)	(mm)	(In.)	(mm)	(psi)	(MPa)	(In. Hg)	(mm Hg)	(In.)	(mm)	(Lbs.)	(Kg)				
1 1/2	38.1	2.00	50.8	150	1.03	30.0	762	6.0	152	.65	.30	100 ft.	200 ft.	3132-0171	\$41.69
2	50.8	2.50	63.5	150	1.03	30.0	762	12.0	305	.96	.44	100 ft.	X	3132-0172	52.16
2 1/2	63.5	3.11	79.0	150	1.03	30.0	762	22.0	559	1.62	.73	100 ft.	200 ft.	3132-0173	69.87
3	76.2	3.75	95.3	150	1.03	30.0	762	20.0	508	2.13	.97	100 ft.	200 ft.	3132-0174	77.24
4	101.6	4.76	120.9	150	1.03	30.0	762	28.0	711	3.16	1.44	100 ft.	200 ft.	3132-0175	112.22

NOTE: * Working Pressure and Suction at +72°F (+22°C). Suction rating reduced at elevated temperatures.

- RECOMMENDED FOR:** Wine, beer or water based products requiring an FDA sanitary hose.
- TEMPERATURE:** -40°F to +212°F (-40°C to +100°C) continuous service.
- CONSTRUCTION:**
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.
Design Factor: 4:1
- COUPLINGS:** 1 or stainless steel, 8 or stainless steel, 34, 71. Reference the Hose Coupling Section.
- PACKAGING:** 100' length coiled and wrapped in polyethylene.
- BRANDING:** Continuous transfer label. Example: "GATES® Cellar Master® Light Meets FDA, 3A and USDA 150 PSI (1.03MPa) WP Made In U.S.A."
- SPECIAL ORDER REQUIREMENTS:** Special production runs require minimum order quantities of 400 feet per size. If a special transfer label is required, contact Gates Corporation for minimum quantity.
- REMNANT LENGTHS:** Remnant lengths are sometimes available in popular sizes at a discount. Contact Gates Corporation for pricing, order requirements and availability.
- STANDARDS:** Meets FDA requirements, 3A-Class 3 and USDA.

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





Food and Beverage Hose

Food Master® Lite™

(Specification 3133)

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

Nom. I.D.	⊖	Nom. O.D.	⊖	Max. W.P.	⊖	Suction	⊖	Min. Bend Radius	⊖	Wt. Per Ft.	⊖	Standard Pack	Stock (X) or Minimum Order Qty.	Gates Item No.	List Price Per Ft.
(In.)	(mm)	(In.)	(mm)	(psi)	(MPa)	(In. Hg)	(mm Hg)	(In.)	(mm)	(Lbs.)	(Kg)				
3/4	19.1	1.33	33.8	150	1.03	30.0	762	2.0	51	.65	.30	100 ft.	X	3133-0001	\$19.91
3/4	19.1	1.33	33.8	150	1.03	30.0	762	2.0	51	.65	.30	200 ft.	X	3133-0011	19.91
1	25.4	1.58	40.1	150	1.03	30.0	762	3.0	76	.79	.36	100 ft.	X	3133-0002	24.63
1 1/2	38.1	2.10	53.3	150	1.03	30.0	762	4.5	114	1.15	.52	100 ft.	X	3133-0003	29.15
2	50.8	2.60	66.0	150	1.03	30.0	762	6.0	152	1.50	.68	100 ft.	X	3133-0004	41.27
2 1/2	63.5	3.13	79.5	150	1.03	30.0	762	12.0	305	1.98	.90	100 ft.	X	3133-0005	53.97
3	76.2	3.63	92.2	150	1.03	30.0	762	18.0	457	2.35	1.07	100 ft.	X	3133-0006	59.00
4	101.6	4.65	118.1	150	1.03	30.0	762	24.0	610	3.12	1.42	100 ft.	X	3133-0007	73.91
6	152.4	6.74	171.2	150	1.03	30.0	762	36.0	914	5.60	2.55	50 ft.	X	3133-0008	116.27

RECOMMENDED FOR: Tank truck, barge, ship, or storage tank transfer of a variety of food products such as animal fat, vegetable oil and other edible oils at temperatures up to 230°F requiring FDA sanitary hose. Also suitable for ice cream and other dairy products requiring 3A-Class 3 standards.

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

CONSTRUCTION: **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.
Design Factor: 4:1

COUPLINGS: 1 or stainless steel, 8 or stainless steel, 34, 71. Reference the Hose Coupling Section.

PACKAGING: All lengths coiled and wrapped in polyethylene.

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

SPECIAL ORDER REQUIREMENTS: Special production runs require minimum order quantities of 400 feet for sizes through 4" and 200 feet for sizes above 4". If a special transfer label is required, contact Gates Corporation for minimum quantity. Additional colored covers are made to order and require minimum production order quantities of 400 feet per size.
 Specific cut lengths available through the Cut Length Program. Contact Customer Service for details.

REMNANT LENGTHS: Remnant lengths are sometimes available in popular sizes at a discount. Contact Gates Corporation for pricing, order requirements and availability.

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





Food and Beverage Hose

Sani-Pure™ (Specification 3131)

Nom. I.D.	⊖	Nom. O.D.	⊕	Max. W.P.	⊕	Suction	⊖	Min. Bend Radius	⊕	Wt. Per Ft.	⊕	Standard Pack	Stock (X) or Minimum Order Qty.	Gates Item No.	List Price Per Ft.
(In.)	(mm)	(In.)	(mm)	(psi)	(MPa)	(In. Hg)	(mm Hg)	(In.)	(mm)	(Lbs.)	(Kg)				
1 1/2	38.1	2.07	52.6	150	1.03	—	—	18.0	457	.97	.44	100 ft.	200 ft.	3131-0001	\$26.85
2	50.8	2.57	65.3	150	1.03	—	—	24.0	610	1.25	.57	100 ft.	X	3131-0002	33.08
2 1/2	63.5	3.08	78.2	150	1.03	—	—	30.0	762	1.65	.75	100 ft.	200 ft.	3131-0003	42.24
3	76.2	3.58	90.9	150	1.03	—	—	36.0	914	1.90	.86	100 ft.	200 ft.	3131-0004	47.69
4	101.6	4.61	117.1	150	1.03	—	—	48.0	1219	2.77	1.26	100 ft.	200 ft.	3131-0005	67.88
6	152.4	6.64	168.7	150	1.03	—	—	72.0	1829	4.10	1.86	50 ft.	200 ft.	3131-0006	108.41

RECOMMENDED FOR: Tank truck, barge, ship, or storage tank transfer (discharge only) of a variety of food products such as animal fat, vegetable oil and other edible oils at temperatures up to 230°F requiring FDA sanitary hose. Also suitable for ice cream and other dairy products requiring 3A-Class 3 standards.

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

CONSTRUCTION: **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.
Design Factor: 4:1

COUPLINGS: 1 or stainless steel, 8 or stainless steel, 34, 71. Reference the Hose Coupling Section.

PACKAGING: All lengths coiled and wrapped in polyethylene.

BRANDING: Continuous transfer label. Example: "GATES® Sani-Pure™ Meets FDA, 3A and USDA 150 PSI (1.03MPa) WP Made in U.S.A."

SPECIAL ORDER REQUIREMENTS: Gray cover is made to order and requires minimum production order quantities of 400 feet for sizes through 4" and 200 feet for sizes above 4". For price, add 10% (x1.10) to price. Special production runs require minimum order quantities of 400 feet for sizes through 4" and 200 feet for sizes above 4". If a special transfer label is required, contact Gates Corporation for minimum quantity.

REMNANT LENGTHS: Remnant lengths are sometimes available in popular sizes at a discount. Contact Gates Corporation for pricing, order requirements and availability.

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

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





Food and Beverage Hose

Aquarius® Potable Water

(Specification 3132P)

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

Nom. I.D.	⊖	Nom. O.D.	⊕	Max. W.P.	⊕	Suction	⊖	Min. Bend Radius	⊕	Wt. Per Ft.	⊕	Standard Pack	Stock (X) or Minimum Order Qty.	Gates Item No.	List Price Per Ft.
(In.)	(mm)	(In.)	(mm)	(psi)	(MPa)	(In. Hg)	(mm Hg)	(In.)	(mm)	(Lbs.)	(Kg)				
1	25.4	1.53	38.9	300	2.07	15.0	381	10.0	254	.56	.25	200 ft.	400 ft.	3132-0803	\$14.79
2	50.8	2.70	68.6	300	2.07	10.0	254	14.0	356	1.49	.68	200 ft.	400 ft.	3132-0815	28.80
3	76.2	3.70	94.0	200	1.38	10.0	254	21.0	533	2.15	.98	200 ft.	400 ft.	3132-0823	39.80
4	101.6	4.70	119.0	150	1.03	10.0	254	28.0	711	2.74	1.25	200 ft.	400 ft.	3132-0832	49.10

RECOMMENDED FOR: Transfer of potable water, non-potable water or liquids not containing oils or chemicals from a supply ship to an offshore drilling rig or platform and for transfer applications on offshore or onshore drilling rigs or platforms; applications which require a lightweight, flexible hose with a tight bend radius and a high rated working pressure in long continuous lengths.

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

CONSTRUCTION: **Tube:** Type D2 (Natural Rubber food Grade). White.
Reinforcement: Multiple plies of synthetic cord.
Cover: Type P (EPDM). Tan with green spiral stripe. Abrasion and weather resistant.
Design Factor: 4:1

COUPLINGS: 14, 15, 71 or 8. Reference the Hose Coupling Section.

PACKAGING: 200' length coiled and wrapped in polyethylene.

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

SPECIAL ORDER REQUIREMENTS: Special production runs require minimum order quantities of 400 feet per size. If a special transfer label is required, contact Gates Corporation for minimum quantity.

REMNANT LENGTHS: Remnant lengths are sometimes available in popular sizes at a discount. Contact Gates Corporation for pricing, order requirements and availability.

STANDARDS: Tube meets FDA requirements.





Food and Beverage Hose

690SB (Bulk Commodity)

(Specification 4693B)

Nom. I.D.		Nom. O.D.		Max. W.P.		Suction		Min. Bend Radius		Wt. Per Ft.		Standard Pack	Stock (X) or Minimum Order Qty.	Gates Item No.	List Price Per Ft.
(In.)	(mm)	(In.)	(mm)	(psi)	(MPa)	(In. Hg)	(mm Hg)	(In.)	(mm)	(Lbs.)	(Kg)				
1 1/2	38.1	2.23	56.6	150	1.03	30.0	762	10.0	254	1.24	.57	100 ft.	X	4693-0205	\$31.05
2	50.8	2.75	69.9	150	1.03	30.0	762	12.0	305	1.76	.82	100 ft.	X	4693-0210	40.05
2 1/2	63.5	3.23	82.0	125	.86	30.0	762	15.0	381	2.00	1.11	100 ft.	X	4693-0220	47.79
3	76.2	3.75	95.3	100	.69	30.0	762	18.0	457	2.13	1.20	100 ft.	X	4693-0225	54.00
4	101.6	4.71	119.6	75	.52	30.0	762	24.0	610	3.00	1.54	100 ft.	X	4693-0235	64.77
5	127.0	5.75	146.0	55	.38	30.0	762	30.0	762	3.98	1.88	50 ft.	X	4693-0251	87.59
6	152.4	6.91	175.5	50	.34	30.0	762	36.0	914	7.08	3.22	50 ft.	X	4693-0260	106.44
6	152.4	6.91	175.5	50	.34	30.0	762	36.0	914	7.08	3.22	100 ft.	X	4693-0262	106.44

RECOMMENDED FOR: Transfer of bulk food products via suction, pneumatic or gravity systems where FDA sanitary tube is required. Examples: Flour, sugar, syrup and edible grains.

CAUTION: Not recommended for vinegar, mustard or other compounds containing acetic acid.

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

CONSTRUCTION:
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.
Design Factor: 4:1

COUPLINGS: *Can be used only at 50% of rated working pressure. Reference the Hose Coupling Section. 5*, 6*, 7*, 8, 49 or 71. Reference the Hose Coupling Section.

PACKAGING: All lengths coiled and wrapped in polyethylene.

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

SPECIAL ORDER REQUIREMENTS: Special production runs require minimum order quantities of 400 feet for sizes through 4" and 200 feet for sizes above 4".

Specific cut lengths available through the Cut Length Program. Contact Customer Service for details.

REMNANT LENGTHS: Remnant lengths are sometimes available in popular sizes at a discount. Contact Gates Corporation for pricing, order requirements and availability.

STANDARDS: Tube meets FDA requirements.

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





Food and Beverage Hose

692SB (Bulk Commodity)

(Specification 4693R)

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

Nom. I.D.	⊖	Nom. O.D.	⊕	Max. W.P.	⊕	Suction	⊖	Min. Bend Radius	⊕	Wt. Per Ft.	⊕	Standard Pack	Stock (X) or Minimum Order Qty.	Gates Item No.	List Price Per Ft.
(In.)	(mm)	(In.)	(mm)	(psi)	(MPa)	(In. Hg)	(mm Hg)	(In.)	(mm)	(Lbs.)	(Kg)				
1 1/2	38.1	2.07	52.6	150	1.03	30.0	762	9.0	229	1.09	.50	100 ft.	400 ft.	4693-0105	\$35.15
2	50.8	2.60	66.0	150	1.03	30.0	762	12.0	305	1.40	.64	100 ft.	X	4693-0110	46.58
2 1/2	63.5	2.85	72.4	125	.86	30.0	762	15.0	381	1.58	.72	100 ft.	400 ft.	4693-0116	55.26
3	76.2	3.52	89.4	125	.86	30.0	762	18.0	457	2.21	1.00	100 ft.	X	4693-0125	62.10
4	101.6	4.55	115.6	75	.52	30.0	762	24.0	610	2.87	1.30	100 ft.	X	4693-0135	77.79
6	152.4	6.74	171.2	50	.34	25.0	635	36.0	914	6.61	3.00	50 ft.	200 ft.	4693-0160	122.39

RECOMMENDED FOR: Animal fat, vegetable oil and other edible oils at temperatures up to 180°F requiring FDA sanitary hose. Also for soybeans, vinegar, mustard, cider, salad dressings and other acetic acid applications.

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

CONSTRUCTION:
Tube: Type C (Nitrile). 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.
Design Factor: 4:1

COUPLINGS: *Can be used only at 50% of rated working pressure. Reference the Hose Coupling Section. 5", 6", 7", 8, 49 or 71. Reference the Hose Coupling Section.

PACKAGING: All lengths coiled and wrapped in polyethylene.

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

SPECIAL ORDER REQUIREMENTS: Special production runs require minimum order quantities of 400 feet for sizes through 4" and 200 feet for sizes above 4". Specific cut lengths available through the Cut Length Program. Contact Customer Service for details.

REMNANT LENGTHS: Remnant lengths are sometimes available in popular sizes at a discount. Contact Gates Corporation for pricing, order requirements and availability.

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





Food and Beverage Hose

610W (Bulk Commodity)

(Specification 3132D)

Nom. I.D.	⊖	Nom. O.D.	⊕	Max. W.P.	⊕	Suction	⊖	Min. Bend Radius	⊕	Wt. Per Ft.	⊕	Standard Pack	Stock (X) or Minimum Order Qty.	Gates Item No.	List Price Per Ft.
(In.)	(mm)	(In.)	(mm)	(psi)	(MPa)	(In. Hg)	(mm Hg)	(In.)	(mm)	(Lbs.)	(Kg)				
4	101.6	4.56	115.8	40	.28	—	—	48.0	1219	2.08	.95	100 ft.	X	3132-0782	\$55.01
5	127.0	5.56	141.2	30	.21	—	—	60.0	1524	2.46	1.12	100 ft.	X	3132-0793	70.77
6	152.4	6.56	166.6	25	.17	—	—	72.0	1829	3.04	1.38	100 ft.	X	3132-0797	86.45

RECOMMENDED FOR: Pneumatic transfer of flour and other dry foods requiring hose with a sanitary FDA tube.

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

CONSTRUCTION: **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.
Design Factor: 4:1

COUPLINGS: 5, 7, 49 or 71. Reference the Hose Coupling Section.

PACKAGING: 100' length coiled and wrapped in polyethylene.

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

SPECIAL ORDER REQUIREMENTS: Special production runs require minimum order quantities of 400 feet for sizes through 4" and 200 feet for sizes above 4". If a special transfer label is required, contact Gates Corporation for minimum quantity.

Specific cut lengths available through the Cut Length Program. Contact Customer Service for details.

REMNANT LENGTHS: Remnant lengths are sometimes available in popular sizes at a discount. Contact Gates Corporation for pricing, order requirements and availability.

STANDARDS: Tube meets FDA requirements.

ACID-CHEMICAL

AIR AND MULTI-PURPOSE

FOOD AND BEVERAGE

MARINE

MATERIAL HANDLING

MINING

OILFIELD

PETROLEUM TRANSFER

PRESSURE WASHER

STEAM

WATER

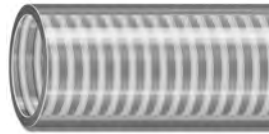
CLAMPS

COUPLINGS AND FERRULES

HOSE FINDER

CHEMICAL RESISTANCE TABLE





Food and Beverage Hose

Master-Flex® 200CL

(Specification 7744)

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

Nom. I.D.	⊖	Nom. O.D.	⊖	Max. W.P.*	⊖	Suction*	⊖	Min. Bend Radius	⊖	Wt. Per Ft.	⊖	Standard Pack	Stock (X) or Minimum Order Qty.	Gates Item No.	List Price Per Ft.
(In.)	(mm)	(In.)	(mm)	(psi)	(MPa)	(In. Hg)	(mm Hg)	(In.)	(mm)	(Lbs.)	(Kg)				
1	25.4	1.29	32.8	100	.69	28.0	711	3.0	76	.30	.14	100 ft.	X	7744-4101	\$5.46
1 1/4	31.8	1.56	39.6	90	.62	28.0	711	4.0	102	.38	.17	100 ft.	X	7744-4102	6.92
1 1/2	38.1	1.84	46.7	90	.62	28.0	711	5.0	127	.48	.22	100 ft.	X	7744-4103	7.56
2	50.8	2.39	60.7	70	.48	28.0	711	6.0	152	.71	.32	100 ft.	X	7744-4104	11.52
2 1/2	63.5	2.92	74.2	65	.45	28.0	711	8.0	203	.97	.44	100 ft.	X	7744-4105	16.44
3	76.2	3.46	87.9	60	.41	28.0	711	9.0	229	1.27	.58	100 ft.	X	7744-4106	20.99
4	101.6	4.56	115.8	50	.34	28.0	711	12.0	305	2.00	.91	100 ft.	X	7744-4107	36.11

NOTE: * Working Pressure and Suction at +72°F (+22°C).

RECOMMENDED FOR: Transfer of bulk food products via suction, pneumatic or gravity systems where sanitary hose is required.

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

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

Reinforcement: Rigid thermoplastic reinforcement. Clear.

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

Design Factor: 3:1

COUPLINGS: 1, 6, 7 or 49. Reference the Hose Coupling Section.

PACKAGING: All lengths coiled and wrapped in polyethylene.

BRANDING: Unlabeled.

SPECIAL ORDER REQUIREMENTS: None.

REMNANT LENGTHS: None.

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





Food and Beverage Hose

Master-Flex® 201CR

(Specification 7744)

Nom. I.D.	⊖	Nom. O.D.	⊕	Max. W.P.*	⊕	Suction*	⊖	Min. Bend Radius	⊕	Wt. Per Ft.	⊕	Standard Pack	Stock (X) or Minimum Order Qty.	Gates Item No.	List Price Per Ft.
(In.)	(mm)	(In.)	(mm)	(psi)	(MPa)	(In. Hg)	(mm Hg)	(In.)	(mm)	(Lbs.)	(Kg)				
1	25.4	1.26	32.0	40	.28	28.0	711	2.0	51	.14	.06	100 ft.	X	7744-4301	\$4.98
1 1/4	31.8	1.61	40.9	50	.34	28.0	711	3.0	76	.28	.13	100 ft.	X	7744-4302	5.39
1 1/2	38.1	1.82	46.2	50	.34	28.0	711	3.0	76	.37	.17	100 ft.	X	7744-4303	6.33
2	50.8	2.44	62.0	40	.28	28.0	711	4.0	102	.57	.26	100 ft.	X	7744-4304	8.73
2 1/2	63.5	2.98	75.7	40	.28	28.0	711	5.0	127	.77	.35	100 ft.	X	7744-4305	14.07
3	76.2	3.54	89.9	35	.24	28.0	711	6.0	152	1.04	.47	100 ft.	X	7744-4306	18.17
4	101.6	4.65	118.1	35	.24	28.0	711	8.0	203	1.65	.75	100 ft.	X	7744-4307	33.11

NOTE: * Working Pressure and Suction at +72°F (+22°C).

RECOMMENDED FOR: Transfer of bulk food products via suction, pneumatic or gravity systems where sanitary hose is required.

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

CONSTRUCTION:
Tube: Type G (PVC). Sanitary FDA. Clear. Smooth.
Reinforcement: Rigid thermoplastic helix. Clear.
Cover: Type G (PVC). Sanitary FDA. Clear. Corrugated.
Design Factor: 3:1

COUPLINGS: 1, 6, 7 or 49. Reference the Hose Coupling Section.

PACKAGING: All lengths coiled and wrapped in polyethylene.

BRANDING: Unlabeled.

SPECIAL ORDER REQUIREMENTS: None.

REMNANT LENGTHS: None.

STANDARDS: Meets FDA requirements and USDA.

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





Food and Beverage Hose

Master-Flex® 202SW

(Specification 7744)

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

Nom. I.D.	⊖	Nom. O.D.	⊖	Max. W.P.*	⊖	Suction*	⊖	Min. Bend Radius	⊖	Wt. Per Ft.	⊖	Standard Pack	Stock (X) or Minimum Order Qty.	Gates Item No.	List Price Per Ft.
(In.)	(mm)	(In.)	(mm)	(psi)	(MPa)	(In. Hg)	(mm Hg)	(In.)	(mm)	(Lbs.)	(Kg)				
2	50.8	2.37	60.2	40	.28	28.0	711	4.0	102	.58	.26	100 ft.	X	7744-4420	\$16.29
2 1/2	63.5	3.01	76.5	40	.28	28.0	711	4.0	102	.85	.39	100 ft.	X	7744-4425	21.39
3	76.2	3.62	91.9	35	.24	28.0	711	6.0	152	1.02	.46	100 ft.	X	7744-4430	28.53
4	101.6	4.54	115.3	35	.24	28.0	711	8.0	203	1.36	.62	100 ft.	X	7744-4440	40.91

NOTE: * Working Pressure and Suction at +72°F (+22°C).

RECOMMENDED FOR: Transfer of bulk food products via suction, pneumatic or gravity systems where sanitary hose is required. Used in pneumatic conveying systems for powders, pellets or granular materials where a static conductive hose is needed.

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

CONSTRUCTION: **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.
Design Factor: 3:1

COUPLINGS: 1, 6, 7 or 49. Reference the Hose Coupling Section.

PACKAGING: All lengths coiled and wrapped in polyethylene.

BRANDING: Unlabeled.

SPECIAL ORDER REQUIREMENTS: None.

REMNANT LENGTHS: None.

STANDARDS: Meets FDA requirements and USDA.





Food and Beverage Hose

Tufflex® Food (Specification 7744)

Nom. I.D.	⊘	Nom. O.D.	⊘	Max. W.P.*	⊕	Suction*	⊘	Min. Bend Radius	R ₂₇	Wt. Per Ft.	⚖	Standard Pack	Stock (X) or Minimum Order Qty.	Gates Item No.	List Price Per Ft.
(In.)	(mm)	(In.)	(mm)	(psi)	(MPa)	(In. Hg)	(mm Hg)	(In.)	(mm)	(Lbs.)	(Kg)				
1/4	6.4	.47	11.9	250	1.72	—	—	—	—	.07	.03	300 ft.	X	7744-4501	\$1.17
3/8	9.5	.63	16.0	200	1.38	—	—	—	—	.11	.05	300 ft.	X	7744-4502	1.58
1/2	12.7	.75	19.1	200	1.38	—	—	—	—	.13	.06	300 ft.	X	7744-4503	1.88
5/8	15.9	.88	22.4	200	1.38	—	—	—	—	.15	.07	300 ft.	X	7744-4504	2.40
3/4	19.1	1.03	26.2	150	1.03	—	—	—	—	.20	.09	300 ft.	X	7744-4505	2.82
1	25.4	1.31	33.3	125	.86	—	—	—	—	.32	.15	100 ft.	X	7744-4506	4.70
1 1/4	31.8	1.75	44.5	100	.69	—	—	—	—	.63	.29	100 ft.	1,000 ft.	7744-4507	8.49
1 1/2	38.1	2.00	50.8	75	.52	—	—	—	—	.74	.34	100 ft.	1,000 ft.	7744-4508	11.13
2	50.8	2.50	63.5	75	.52	—	—	—	—	1.00	.45	100 ft.	1,000 ft.	7744-4509	15.53

NOTE: * Working Pressure and Suction at +72°F (+22°C).

RECOMMENDED FOR: Transferring compressed liquid and air in food and beverage applications. Approved for use in USDA meat and poultry plants. Non-toxic, FDA formula approved for food processing. Also suitable for potable water transfer.

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

CONSTRUCTION: **Tube:** Type G (PVC). Non-toxic. Clear.
Reinforcement: Synthetic reinforcement.
Cover: Type G (PVC). Non-toxic. Clear. Smooth.
Design Factor: 4:1

COUPLINGS: Stainless Steel Food Grade.

PACKAGING: All lengths coiled and wrapped in polyethylene.

BRANDING: "Made In Japan"

SPECIAL ORDER REQUIREMENTS: Special production runs require minimum order quantities of 1,000 feet per size. No deviations allowed to above product.

REMNANT LENGTHS: None.

STANDARDS: Meets FDA requirements and USDA.

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

