



Water Hose

Shark®

(Specification 4686AR, 4686DC)

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	1.45	36.8	150	1.03	30.0	762	5.0	127	.53	.24	100 ft.	X	4686-0701	\$12.80
1 1/4	31.8	1.71	43.4	150	1.03	30.0	762	6.0	152	.68	.31	100 ft.	X	4686-0702	14.13
1 1/2	38.1	1.96	49.8	150	1.03	30.0	762	8.0	203	.79	.36	100 ft.	X	4686-0703	15.42
2	50.8	2.46	62.5	150	1.03	30.0	762	10.0	254	.99	.45	100 ft.	X	4686-0704	18.30
2	50.8	2.46	62.5	150	1.03	30.0	762	10.0	254	.99	.45	200 ft.	400 ft.	4686-0710	18.30
2 1/2	63.5	3.02	76.7	150	1.03	30.0	762	12.0	305	1.44	.65	100 ft.	X	4686-0705	23.91
3	76.2	3.58	90.9	150	1.03	30.0	762	15.0	381	1.90	.86	100 ft.	X	4686-0706	27.95
4	101.6	4.58	116.3	150	1.03	30.0	762	20.0	508	2.48	1.13	100 ft.	X	4686-0707	39.72
5	127.0	5.60	142.2	100	.69	30.0	762	25.0	635	3.62	1.65	100 ft.	X	4686-0708	61.85
6	152.4	6.65	168.9	100	.69	30.0	762	30.0	762	4.84	2.20	20 ft.	X	4686-0711	78.36
6	152.4	6.65	168.9	100	.69	30.0	762	30.0	762	4.84	2.20	25 ft.	X	4686-0712	78.36
6	152.4	6.65	168.9	100	.69	30.0	762	30.0	762	4.84	2.20	100 ft.	X	4686-0709	78.36

RECOMMENDED FOR: Suction hose used to convey water, detergents, phosphate ester hydraulic fluids and dilute solutions of acids, alkalies and glycols.

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

CONSTRUCTION: **Tube:** Type P (EPDM). Black.
Reinforcement: Synthetic, high tensile textile with steel wire helix.
Cover: Type D (SBR). Black with green spiral stripe.
Design Factor: 3:1

COUPLINGS: 6, 7, 49 or 78. Reference the Hose Coupling Section.

PACKAGING: All lengths coiled and wrapped in polyethylene.

BRANDING: Continuous transfer label. Example: "GATES® Shark® Water Suction/Discharge 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.

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.





Water Hose

Barracuda®

(Specification 4686AT)

Nom. I.D.	⊘	Nom. O.D.	⊘	Max. W.P.	⊕	Suction	⊘	Min. Bend Radius	R ₁	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	1.33	33.8	150	1.03	30.0	762	5.0	127	.39	.18	100 ft.	400 ft.	4686-0199	\$8.25
1 1/4	31.8	1.61	40.9	150	1.03	30.0	762	5.0	127	.51	.23	100 ft.	X	4686-0203	9.00
1 1/2	38.1	1.86	47.2	150	1.03	30.0	762	6.0	152	.60	.27	100 ft.	X	4686-0204	10.88
1 1/2	38.1	1.86	47.2	150	1.03	30.0	762	6.0	152	.60	.27	200 ft.	400 ft.	4686-0237	10.88
2	50.8	2.36	59.9	150	1.03	30.0	762	8.0	203	.76	.35	100 ft.	X	4686-0200	12.60
2	50.8	2.36	59.9	150	1.03	30.0	762	8.0	203	.76	.35	200 ft.	400 ft.	4686-0235	12.60
2 1/2	63.5	2.96	75.2	150	1.03	30.0	762	10.0	254	1.06	.48	100 ft.	X	4686-0205	15.60
2 1/2	63.5	2.96	75.2	150	1.03	30.0	762	10.0	254	1.06	.48	200 ft.	400 ft.	4686-0250	15.60
3	76.2	3.54	89.9	150	1.03	30.0	762	14.0	356	1.44	.65	100 ft.	X	4686-0201	17.40
3	76.2	3.54	89.9	150	1.03	30.0	762	14.0	356	1.44	.65	200 ft.	400 ft.	4686-0236	17.40
4	101.6	4.54	115.3	150	1.03	30.0	762	18.0	457	2.25	1.02	100 ft.	X	4686-0202	24.75
4	101.6	4.54	115.3	150	1.03	30.0	762	18.0	457	2.25	1.02	200 ft.	400 ft.	4686-0208	24.75
6	152.4	6.68	170.0	100	.69	30.0	762	28.0	711	3.94	1.79	20 ft.	X	4686-0207	64.73
6	152.4	6.68	170.0	100	.69	30.0	762	28.0	711	3.94	1.79	25 ft.	X	4686-0206	64.73
6	152.4	6.68	170.0	100	.69	30.0	762	28.0	711	3.94	1.79	100 ft.	200 ft.	4686-0234	64.73
8	203.2	9.00	286.3	100	.69	30.0	762	40.0	1016	8.81	4.00	20 ft.	X	4686-0212	165.30
8	203.2	9.00	286.3	100	.69	30.0	762	40.0	1016	8.81	4.00	25 ft.	400 ft.	4686-0209	165.30
10	254.0	11.27	337.1	100	.69	30.0	762	50.0	1270	15.80	7.18	20 ft.	X	4686-0213	268.94
10	254.0	11.27	337.1	100	.69	30.0	762	50.0	1270	15.80	7.18	25 ft.	400 ft.	4686-0210	268.94
12	304.8	13.27	337.1	100	.69	30.0	762	60.0	1524	18.63	8.47	20 ft.	X	4686-0214	307.61
12	304.8	13.27	337.1	100	.69	30.0	762	60.0	1524	18.63	8.47	25 ft.	400 ft.	4686-0211	307.61

RECOMMENDED FOR: Medium to light duty water suction/discharge for agricultural, construction and industrial applications. EPDM tube designed to handle a variety of liquids including Lasso*, Lasso II* and Freedom*. Recommended for sanitation liner in marine applications.

TEMPERATURE: -32°F to +200°F (-36°C to +93°C). For 8" through 12" sizes.
-40°F to +180°F (-40°C to +82°C). For 1" through 6" sizes.

CONSTRUCTION: **Tube:** Type P (EPDM). Black.
Reinforcement: Synthetic, high tensile textile with steel wire helix.
Cover: Type P (EPDM). Black with green spiral stripe.
Design Factor: 3:1

COUPLINGS: 5, 6, 7, 8, 49 or 78 all sizes. Reference the Hose Coupling Section.

PACKAGING: 1" through 6": Packaged with each length coiled and wrapped in polyethylene.
8" through 12": Packaged with each length placed in nylon woven fabric.

BRANDING: Continuous transfer label. Example: "GATES® Barracuda® Water Suction/Discharge 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" I.D. and 200 feet for sizes above 4" I.D. 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.

*Lasso®, Lasso II® and Freedom® are Registered Trademarks of Monsanto.

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





Water Hose

Water Suction/Discharge

(Specification 4686)

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. (In.)	⊖ (mm)	Nom. O.D. (In.)	⊕ (mm)	Max. W.P. (psi)	⊕ (MPa)	Suction (In. Hg)	⊖ (mm Hg)	Min. Bend Radius (In.)	⊕ (mm)	Wt. Per Ft. (Lbs.)	⊕ (Kg)	Standard Pack	Stock (X) or Minimum Order Qty.	Gates Item No.	List Price Per Ft.
2	50.8	2.36	59.9	150	1.03	30.0	762	8.0	203	.76	.35	100 ft.	X	4686-0751	\$10.08
3	76.2	3.54	89.9	150	1.03	30.0	762	14.0	356	1.44	.65	100 ft.	X	4686-0752	13.92
4	101.6	4.54	115.3	150	1.03	30.0	762	18.0	457	2.13	1.02	100 ft.	X	4686-0753	19.80

RECOMMENDED FOR: Economical, medium to light duty water suction/discharge for agricultural, construction and industrial applications. EPDM tube designed to handle a variety of liquids including Lasso[®], Lasso II[®] and Freedom[®]. Recommended for sanitation liner in marine applications.

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

CONSTRUCTION: **Tube:** Type P (EPDM). Black.
Reinforcement: Synthetic, high tensile textile cord with steel wire helix.
Cover: Type P (EPDM). Black with green spiral stripe.
Design Factor: 3:1

COUPLINGS: 5, 6, 7, 8, 49 or 78 all sizes. Reference the Hose Coupling Section.

PACKAGING: All lengths coiled and wrapped in polyethylene.

BRANDING: Continuous transfer label. Example: "GATES[®] Water Suction/Discharge 150 PSI (1.03 MPa) W.P.

SPECIAL ORDER REQUIREMENTS: If a special transfer label is required, contact Gates Corporation for minimum quantity.

REMNANT LENGTHS: None.

*Lasso[®], Lasso II[®] and Freedom[®] are Registered Trademarks of Monsanto.





Water Hose

Steelhead® (Specification 3135SP)

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	1.98	50.3	150	1.03	—	—	12.0	305	.70	.32	100 ft.	X	3135-2651	\$16.62
1 5/8	41.3	2.10	53.3	150	1.03	—	—	15.0	381	.74	.34	100 ft.	400 ft.	3135-2652	17.33
1 7/8	47.6	2.35	59.7	150	1.03	—	—	15.0	381	.88	.40	100 ft.	400 ft.	3135-2653	18.80
2	50.8	2.48	63.5	150	1.03	—	—	20.0	508	.93	.42	100 ft.	X	3135-2654	19.82
2 1/2	63.5	2.99	76.0	150	1.03	—	—	25.0	635	1.14	.52	100 ft.	X	3135-2655	24.75
3	76.2	3.49	88.7	150	1.03	—	—	36.0	914	1.37	.62	100 ft.	X	3135-2656	30.93
3	76.2	3.49	88.7	150	1.03	—	—	36.0	914	1.37	.62	200 ft.	400 ft.	3135-2661	30.93
3 1/2	88.9	3.99	101.4	150	1.03	—	—	42.0	1067	1.60	.73	100 ft.	400 ft.	3135-2657	31.77
4	101.6	4.49	114.1	150	1.03	—	—	48.0	1219	1.85	.84	100 ft.	X	3135-2658	43.22
4 1/2	114.3	5.01	127.3	150	1.03	—	—	54.0	1372	2.16	.98	100 ft.	X	3135-2659	45.38
6	152.4	6.51	165.4	150	1.03	—	—	72.0	1829	2.84	1.29	100 ft.	X	3135-2660	81.68

RECOMMENDED FOR: Water discharge in heavy duty industrial applications.

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

CONSTRUCTION: **Tube:** Type D (SBR). Black.
Reinforcement: Multiple plies of synthetic, high tensile textile.
Cover: Type D (SBR). Black with green spiral stripe.
Design Factor: 3:1

COUPLINGS: 1, 3, 5, 7, 49 or 78. Reference the Hose Coupling Section.

PACKAGING: All lengths coiled and wrapped in polyethylene.

BRANDING: Continuous transfer label. Example: "GATES® Steelhead® HD Water Discharge 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.

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.

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





Water Hose

Marlin®
(Specification 3137M)

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	1.82	46.2	150	1.03	—	—	12.0	305	.47	.21	100 ft.	X	3137-0370	\$9.81
1 1/2	38.1	1.90	48.3	150	1.03	—	—	12.0	305	.63	.29	100 ft.	X	3137-0371	13.11
2	50.8	2.33	59.2	150	1.03	—	—	20.0	508	.65	.30	100 ft.	X	3137-0372	10.80
2	50.8	2.41	61.2	150	1.03	—	—	20.0	508	.84	.38	100 ft.	X	3137-0373	14.58
2 1/2	63.5	2.83	71.9	150	1.03	—	—	25.0	635	.90	.41	100 ft.	400 ft.	3137-0374	15.21
2 1/2	63.5	2.91	73.9	150	1.03	—	—	25.0	635	1.02	.46	100 ft.	X	3137-0375	20.97
3	76.2	3.33	84.6	150	1.03	—	—	36.0	914	1.21	.55	100 ft.	X	3137-0376	15.26
3	76.2	3.41	86.6	150	1.03	—	—	36.0	914	1.15	.52	100 ft.	X	3137-0377	24.33
3 1/2	88.9	3.91	99.3	150	1.03	—	—	42.0	1067	1.30	.59	100 ft.	X	3137-0378	30.75
4	101.6	4.33	110.0	150	1.03	—	—	48.0	1219	1.50	.68	100 ft.	X	3137-0379	19.22
4	101.6	4.41	112.0	150	1.03	—	—	48.0	1219	1.55	.70	100 ft.	X	3137-0380	36.18
4	101.6	4.33	110.0	150	1.03	—	—	48.0	1219	1.50	.68	200 ft.	400 ft.	3137-1272	19.22
5	127.0	5.44	138.2	150	1.03	—	—	60.0	1524	2.17	.99	100 ft.	X	3137-0381	44.73
6	152.4	6.40	162.6	150	1.03	—	—	72.0	1829	2.60	1.18	100 ft.	200 ft.	3137-0382	53.36
6	152.4	6.49	164.9	150	1.03	—	—	72.0	1829	2.92	1.33	100 ft.	X	3137-0383	74.69

RECOMMENDED FOR: Water discharge in heavy duty service requiring a compact, rugged and lightweight hose.

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

CONSTRUCTION: **Tube:** Type P (EPDM). Black.
Reinforcement: Multiple plies of synthetic, high tensile textile.
Cover: Type D (SBR). Black with green spiral stripe.
Design Factor: 3:1

COUPLINGS: 1, 3, 5, 7, 49 or 78. Reference the Hose Coupling Section.

PACKAGING: All lengths coiled and wrapped in polyethylene.

BRANDING: Continuous transfer label. Example: "GATES® Marlin® Water Discharge 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.
 Specific cut lengths available through the Cut Length Program. Contact Customer Service for details.

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





Water Hose

Dolphin® (Specification 3137T)

Nom. I.D.	⊖	Nom. O.D.	⊖	Max. W.P.	⊖	Suction	⊖	Min. Bend Radius	R ₂	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 1/4	31.8	1.53	38.9	150	1.03	—	—	—	—	.37	.17	100 ft.	X	3137-0884	\$8.03
1 1/2	38.1	1.78	45.2	150	1.03	—	—	—	—	.43	.20	100 ft.	X	3137-0883	8.78
1 1/2	38.1	1.78	45.2	150	1.03	—	—	—	—	.43	.20	200 ft.	400 ft.	3137-0898	8.78
2	50.8	2.32	58.9	150	1.03	—	—	—	—	.65	.30	100 ft.	X	3137-0885	9.75
2	50.8	2.32	58.9	150	1.03	—	—	—	—	.65	.30	200 ft.	400 ft.	3137-0905	9.75
2 1/2	63.5	2.82	71.6	150	1.03	—	—	—	—	.80	.36	100 ft.	X	3137-0888	12.68
3	76.2	3.36	85.3	150	1.03	—	—	—	—	1.08	.49	100 ft.	X	3137-0886	14.25
3	76.2	3.36	85.3	150	1.03	—	—	—	—	1.08	.49	200 ft.	400 ft.	3137-0895	14.25
4	101.6	4.36	111.7	150	1.03	—	—	—	—	1.41	.64	100 ft.	X	3137-0889	18.83
4	101.6	4.36	111.7	150	1.03	—	—	—	—	4.41	2.00	200 ft.	400 ft.	3137-0896	18.83
6	152.4	6.38	162.1	125	.86	—	—	—	—	2.09	.95	100 ft.	X	3137-0890	33.30
6	152.4	6.38	162.1	125	.86	—	—	—	—	2.09	.95	200 ft.	400 ft.	3137-0892	33.30
6 5/8	168.3	7.12	180.8	90	.62	—	—	—	—	3.00	1.36	100 ft.	200 ft.	3137-1269	45.23

RECOMMENDED FOR: Medium to light duty water discharge for agricultural, construction and industrial applications. EPDM tube designed to handle a variety of liquids including Lasso*, Lasso II* and Freedom*.

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

CONSTRUCTION:
Tube: Type P (EPDM). Black.
Reinforcement: Synthetic, high tensile textile.
Cover: Type P (EPDM). Black with green spiral stripe.
Design Factor: 3:1

COUPLINGS: 5, 6, 7, 8, 49 or 78 all sizes. Reference the Hose Coupling Section.
 NOTE: 3:1 Safety Factor for Burst Pressure to Working Pressure is reduced when the temperature increases.

PACKAGING: All lengths coiled and wrapped in polyethylene.

BRANDING: Continuous transfer label. Example: "GATES® Dolphin® Water Discharge 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" I.D. and 200 feet for sizes above 4" I.D. 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.

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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





Water Hose

Master-Flex® 500

(Specification 7744)

ACID-CHEMICAL
AIR AND MULTI-PURPOSE
FOOD AND BEVERAGE
MARINE
MATERIAL HANDLING
MINING
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PETROLEUM TRANSFER
PRESSURE WASHER
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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	1.67	42.4	75	.52	—	—	—	—	.17	.08	300 ft.	X	7744-1001	\$1.98
2	50.8	2.16	54.9	65	.45	—	—	—	—	.21	.10	300 ft.	X	7744-1002	2.42
2 1/2	63.5	2.55	64.8	60	.41	—	—	—	—	.28	.13	300 ft.	X	7744-1003	3.45
3	76.2	3.17	80.5	60	.41	—	—	—	—	.39	.18	300 ft.	X	7744-1004	4.07
4	101.6	4.20	106.7	60	.41	—	—	—	—	.53	.24	300 ft.	X	7744-1005	5.45
6	152.4	6.20	157.5	45	.31	—	—	—	—	.88	.40	300 ft.	X	7744-1006	9.08
8	203.2	8.16	207.3	45	.31	—	—	—	—	1.27	.58	300 ft.	X	7744-1007	18.15

RECOMMENDED FOR: General lay flat water discharge service. Excellent for job sites in construction, irrigation and areas where a lightweight, flexible hose is required.

TEMPERATURE: +25°F to +120°F (-4°C to +49°C) continuous service.

CONSTRUCTION: **Tube:** Type G (PVC). Blue with yellow identification.
Reinforcement: Synthetic, high tensile textile.
Cover: Type G (PVC). Blue. Smooth.
Design Factor: 3:1

COUPLINGS: 5, 6, 7 or 49. One band for 1 1/2". Two bands for 2" I.D. and larger. Reference the Hose Coupling Section.

PACKAGING: 300' length coiled in polyethylene and banded, one length.

BRANDING: Ink stamp every 5 ft. with I.D. only.

SPECIAL ORDER REQUIREMENTS: None.

REMNANT LENGTHS: None.





Water Hose

Master-Flex® 100GR

(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	1.27	32.3	90	.62	28.0	711	3.0	76	.27	.12	100 ft.	X	7744-3101	\$3.81
1 1/4	31.8	1.53	38.9	90	.62	28.0	711	4.0	102	.36	.16	100 ft.	X	7744-3102	4.97
1 1/2	38.1	1.82	46.2	90	.62	28.0	711	5.0	127	.47	.21	100 ft.	X	7744-3103	5.64
2	50.8	2.36	59.9	70	.48	28.0	711	6.0	152	.66	.30	100 ft.	X	7744-3104	8.16
2 1/2	63.5	2.90	73.7	65	.45	28.0	711	8.0	203	.95	.43	100 ft.	X	7744-3105	12.84
3	76.2	3.44	87.4	60	.41	28.0	711	9.0	229	1.25	.57	100 ft.	X	7744-3106	15.47
4	101.6	4.52	114.8	50	.34	28.0	711	13.0	330	1.94	.88	100 ft.	X	7744-3107	25.80
5	127.0	5.65	143.5	45	.31	28.0	711	21.0	533	3.09	1.40	100 ft.	1,000 ft.	7744-3108	37.32
6	152.4	6.80	172.7	45	.31	28.0	711	24.0	610	4.56	2.07	100 ft.	X	7744-3109	48.69

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

RECOMMENDED FOR: Conveying water and light chemical solutions under suction or rated discharge pressure.

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

CONSTRUCTION: **Tube:** Type G (PVC). Green.
Reinforcement: Rigid thermoplastic helix. White.
Cover: Type G (PVC). Green. Smooth.
Design Factor: 3:1

COUPLINGS: 1, 6, 7, 49 or 78 all sizes. Reference the Hose Coupling Section.

PACKAGING: All lengths coiled and wrapped in polyethylene.

BRANDING: Unlabeled.

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.

ACID-CHEMICAL

AIR AND MULTI-PURPOSE

FOOD AND BEVERAGE

MARINE

MATERIAL HANDLING

MINING

OILFIELD

PETROLEUM TRANSFER

PRESSURE WASHER

STEAM

WATER

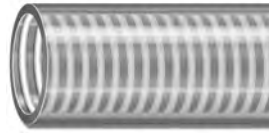
CLAMPS

COUPLINGS AND FERRULES

HOSE FINDER

CHEMICAL RESISTANCE TABLE





Water Hose

Master-Flex® 101CL

(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

Smooth Cover

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	1.27	32.3	90	.62	28.0	711	3.0	76	.27	.12	100 ft.	X	7744-2101	\$3.66
1 1/4	31.8	1.53	38.9	90	.62	28.0	711	4.0	102	.34	.15	100 ft.	X	7744-2102	5.21
1 1/2	38.1	1.82	46.2	90	.62	28.0	711	5.0	127	.47	.21	100 ft.	X	7744-2103	5.60
2	50.8	2.36	60.0	70	.48	28.0	711	6.0	152	.66	.30	100 ft.	X	7744-2104	7.83
2 1/2	63.5	2.90	73.7	65	.45	28.0	711	8.0	203	.95	.43	100 ft.	X	7744-2105	10.70
3	76.2	3.44	87.4	55	.38	28.0	711	9.0	229	1.25	.57	100 ft.	X	7744-2106	13.46
4	101.6	4.52	114.8	50	.34	28.0	711	13.0	330	1.94	.88	100 ft.	X	7744-2107	19.34
5	127.0	5.65	143.5	45	.31	28.0	711	21.0	533	3.09	1.40	100 ft.	X	7744-2108	35.28
6	152.4	6.80	172.7	45	.31	28.0	711	24.0	610	4.56	2.07	100 ft.	X	7744-2109	40.71

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

Corrugated Cover

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	35	.24	28.0	711	2.0	51	.14	.06	100 ft.	X	7744-0000	\$4.02
1 1/4	31.8	1.61	40.9	50	.34	28.0	711	3.0	76	.31	—	100 ft.	X	7744-0015	5.73
1 1/2	38.1	1.86	47.2	50	.34	28.0	711	3.0	76	.37	.17	100 ft.	X	7744-0008	6.15
2	50.8	2.44	62.0	40	.28	28.0	711	4.0	102	.57	.26	100 ft.	X	7744-0009	8.61
3	76.2	3.54	89.9	35	.24	28.0	711	6.0	152	1.04	.47	100 ft.	X	7744-0011	14.81
4	101.6	4.65	118.1	35	.24	28.0	711	8.0	203	1.65	.75	100 ft.	X	7744-0012	21.27
5	127.0	5.73	145.5	30	.21	28.0	711	11.0	279	2.34	1.06	100 ft.	X	7744-0013	38.81
6	152.4	6.98	177.3	35	.24	28.0	711	15.0	381	4.08	1.85	100 ft.	X	7744-0014	44.78

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

RECOMMENDED FOR: Conveying water and light chemical solutions where a clear PVC hose with a white helix is desirable for heavy duty applications.

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

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

Reinforcement: Rigid thermoplastic helix.

Design Factor: 3:1

COUPLINGS: 1, 6, 7, 49 or 78 all sizes. Reference the Hose Coupling Section.

PACKAGING: All lengths coiled and wrapped in polyethylene.

BRANDING: Unlabeled.

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.

