39496-000
July 30, 2007
Supersedes 39496-000
July 1, 2006

Air and Multi-Purpose Hose

6B Dura Master®

(Specification 3206)

Nom. I.D.		Nom. O.D.		Max. W.P.		Suction		Min. Bend Radius		Wt. Per Ft.		Standard	Stock (X) or Minimum	Gates	List Price
(In.)	(mm)	(In.)	(mm)	(psi)	(MPa)	(In. Hg)	(mm Hg)	(In.)	(mm)	(Lbs.)	(Kg)	Pack	Order Qty.	Item No.	Per Ft.
1/4	6.4	.50	12.7	250	1.72	30.0	762	3.0	76	.09	.04	REEL	X	3206-0202	$1.88
1/4	6.4	.62	15.8	315	2.17	30.0	762	3.0	76	.15	.07	REEL	X	3206-0265	2.13
5/16	7.9	.62	15.8	250	1.72	30.0	762	3.0	76	.14	.06	REEL	X	3206-0204	2.13
3/8	9.5	.69	17.5	250	1.72	30.0	762	3.0	76	.16	.07	REEL	X	3206-0270	2.45
3/8	9.5	.75	19.1	315	2.17	30.0	762	3.0	76	.20	.09	REEL	X	3206-0280	2.73
1/2	12.7	.84	21.3	250	1.72	25.0	635	5.0	127	.21	.10	REEL	X	3206-0208	3.15
1/2	12.7	.88	22.4	315	2.17	25.0	635	5.0	127	.25	.11	REEL	X	3206-0244	3.50
3/4	19.1	1.09	27.7	250	1.72	20.0	508	6.0	152	.29	.13	REEL	X	3206-0212	4.63
3/4	19.1	1.19	30.2	315	2.17	20.0	508	6.0	152	.40	.18	REEL	X	3206-0245	5.00
1	25.4	1.38	35.1	250	1.72	10.0	254	7.9	203	.42	.19	REEL	X	3206-0213	5.23
1	25.4	1.50	38.1	315	2.17	20.0	508	7.9	203	.59	.27	REEL	5,000 ft.	3206-0246	7.78
1-1/4	31.8	1.73	43.9	200	1.38	10.0	254	10.0	254	.67	.30	REEL	X	3206-0215	9.70
1-1/2	38.1	1.98	51.3	200	1.38	10.0	254	12.0	305	.79	.36	REEL	X	3206-0216	11.60
2	50.8	2.56	65.0	200	1.38	4.0	100	16.5	419	.99	.45	100 ft.	X	3206-3968	13.78

RECOMMENDED FOR: Applications requiring a heavy duty braided hose with good resistance to air, water and heat. For SAE oils intermittent contact only.

TEMPERATURE: -40°F to +200°F (-40°C to +93°C) continuous service. Reference page 6 for additional information.
-22°F to +158°F (-30°C to +70°C) continuous service. For 2" size only.

CONSTRUCTION:
Tube: Type B_1 (Specially compounded elastomer). Black.
Reinforcement: Braided, high tensile synthetic textile cord.
Cover: Type P (EPDM). Red. All sizes through 1/2" are perforated.
Type B_2 (Specially compounded elastomer). Black with red molded stripe. For 2" size only.

COUPLINGS: 19 (up through 1/2" only), 1 , 3 or 4 , (up through 1/2" with 20 brass ferrules, up through 1" with bands), 72 Gates Power Crimp® or 75 Gates GLX™. Reusable couplings are not recommended. Reference pages 120-133.

PACKAGING:
1/4" through 1/2": Packaged in 500' to 750' reels. Maximum 3 pieces. Minimum length 50'.
3/4" and 1": Packaged in 400' to 650' reels. Maximum 3 pieces. Minimum length 50'.
1-1/4" & over: Packaged in 250' to 400' reels. Maximum 3 pieces. Minimum length 50'.
2" x 100': Packaged 100' per carton, coiled and tied.

BRANDING: Continuous ink brand. Example: "Gates 6B DURA MASTER® MULTI-PURPOSE 3/8 INCH (9.5mm) 250 PSI (1.72MPa) WP MADE IN U.S.A."

Continuous ink brand. Example: "Gates 6B DURA-MASTER® MULTI-PURPOSE 2 INCH (50.8mm) 200 PSI (1.38MPa) WP MADE IN INDIA" (2" size only)

SPECIAL ORDER REQUIREMENTS: Special production runs require minimum order quantities of 5,000 feet for sizes through 1-1/2" and 600 feet for 2".

REMNANT LENGTHS: None.

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

Due to continual product improvements, Gates reserves the right to alter specs and prices without prior notice.

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Air and Multi-Purpose Hose

Duro Flex®

(Specification 3200R/3200B)

Nom. I.D.		Nom. O.D.		Max. W.P.		Suction		Min. Bend Radius		Wt. Per Ft.		Standard	Stock (X) or Minimum	Gates	List Price
(In.)	(mm)	(In.)	(mm)	(psi)	(MPa)	(In. Hg)	(mm Hg)	(In.)	(mm)	(Lbs.)	(Kg)	Pack	Order Qty.	Item No.	Per Ft.
1/4	6.4	.50	12.7	250	1.72	30.0	762	2.0	51	.09	.04	REEL	X	3200-0002	$1.23
1/4	6.4	.57	14.5	300	2.07	30.0	762	2.0	51	.12	.05	REEL	X	3200-0003	1.33
3/8	9.5	.66	16.8	250	1.72	30.0	762	3.0	76	.14	.06	REEL	X	3200-0006	1.56
3/8	9.5	.73	18.5	300	2.07	30.0	762	3.0	76	.18	.08	REEL	X	3200-0007	1.73
1/2	12.7	.81	20.6	250	1.72	25.0	635	4.0	102	.19	.09	REEL	X	3200-0008	1.85
1/2	12.7	.88	22.4	300	2.07	25.0	635	4.0	102	.25	.11	REEL	X	3200-0009	2.35
5/8	15.9	.98	24.9	250	1.72	20.0	508	5.0	127	.27	.12	REEL	25,000 ft.	3200-0010	2.57
5/8	15.9	.98	24.9	300	2.07	20.0	508	5.0	127	.27	.12	REEL	X	3200-0011	3.01
3/4	19.1	1.15	29.2	250	1.72	20.0	508	5.0	127	.36	.16	REEL	X	3200-0012	2.66
3/4	19.1	1.15	29.2	250	1.72	20.0	508	5.0	127	.36	.16	50 ft.	25,000 ft.	3200-5012	2.66
3/4	19.1	1.15	29.2	300	2.07	20.0	508	5.0	127	.36	.16	REEL	X	3200-0013	3.22
1	25.4	1.47	37.3	250	1.72	10.0	254	7.9	203	.54	.25	REEL	X	3200-0014	3.91
1-1/4	31.8	1.73	43.9	250	1.72	10.0	254	10.0	254	.67	.30	REEL	X	3200-0015	7.72
1-1/2	38.1	1.98	50.3	250	1.72	10.0	254	12.0	305	.79	.36	REEL	X	3200-0016	7.95

RECOMMENDED FOR: Applications requiring maximum flexibility and good resistance to air, water and heat. For SAE oils intermittent contact only.

TEMPERATURE: -40°F to +200°F (-40°C to +93°C) continuous service. Reference page 6 for additional information.

CONSTRUCTION:
Tube: Type B_1 (Specially compounded elastomer). Black.
Reinforcement: Synthetic, high tensile textile cord.
Cover: Type P (EPDM). Red. All sizes through 1/2" have perforated cover. (Black cover available on special order).

COUPLINGS: 19 (up through 1/2" only), 1 , 3 or 4 , (up through 1/2" with 20 brass ferrules, up through 1" with bands), 72 Gates Power Crimp® or 75 Gates GLX™. Reference pages 120-133.

PACKAGING:
Minimum of 90% of hose reels will be 1-piece lengths.

1/4" through 3/4":	Packaged in 500' to 700' reels. Maximum 2 pieces in 50' increments.
1":	Packaged in 300' to 400' reels. Maximum 2 pieces in 50' increments.
1-1/4":	Packaged in 300' reels. Maximum 2 pieces in 50' increments.
1-1/2":	Packaged in 250' reels. Maximum 2 pieces in 50' increments.
3/4" x 50':	Packaged 200' per carton, each length coiled and tied.

BRANDING: Continuous ink brand. Example: "GATES® DURO FLEX® MULTI-PURPOSE 3/8 INCH (9.5mm) 250 PSI (1.72MPa) WP MADE IN USA"

SPECIAL ORDER REQUIREMENTS: Special production runs require minimum order quantities of 25,000 feet.

Black cover is made to order. Special production run requirements apply. Price is 5% less than red cover listed above (x.95).

REMNANT LENGTHS: None.

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

Due to continual product improvements, Gates reserves the right to alter specs and prices without prior notice.

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Air and Multi-Purpose Hose

Adapta Flex™

Red Cover

(Specification 3204E/3204S)

Nom. I.D.		Nom. O.D.		Max. W.P.		Suction		Min. Bend Radius		Wt. Per Ft.		Standard	Stock (X) or Minimum	Gates	List Price
(In.)	(mm)	(In.)	(mm)	(psi)	(MPa)	(In. Hg)	(mm Hg)	(In.)	(mm)	(Lbs.)	(Kg)	Pack	Order Qty.	Item No.	Per Ft.
1/4	6.4	.50	12.7	200	1.38	30.0	762	3.0	76	.09	.04	REEL	X	3204-1301	$.73
1/4	6.4	.50	12.7	250	1.72	30.0	762	3.0	76	.09	.04	REEL	X	3204-1304	.97
1/4	6.4	.62	15.8	250	1.72	30.0	762	3.0	76	.15	.07	REEL	25,000 ft.	3204-1386	1.51
1/4	6.4	.53	13.5	300	2.07	30.0	762	3.0	76	.10	.05	REEL	X	3204-1307	1.02
5/16	7.9	.53	13.5	200	1.38	30.0	762	3.0	76	.09	.04	REEL	X	3204-1316	.94
3/8	9.5	.66	16.8	200	1.38	30.0	762	3.0	76	.14	.06	REEL	X	3204-1319	1.01
3/8	9.5	.66	16.8	250	1.72	30.0	762	3.0	76	.14	.06	REEL	X	3204-1322	1.20
3/8	9.5	.69	17.5	300	2.07	30.0	762	3.0	76	.15	.07	REEL	X	3204-1325	1.25
1/2	12.7	.81	20.6	200	1.38	25.0	635	5.0	127	.19	.09	REEL	X	3204-1328	1.20
1/2	12.7	.81	20.6	250	1.72	25.0	635	5.0	127	.19	.09	REEL	X	3204-1331	1.45
1/2	12.7	.83	21.1	300	2.07	25.0	635	5.0	127	.20	.09	REEL	X	3204-1334	1.51
5/8	15.9	.97	24.6	200	1.38	20.0	508	6.0	152	.26	.12	REEL	X	3204-1337	1.54
5/8	15.9	.97	24.6	250	1.72	20.0	508	6.0	152	.26	.12	REEL	X	3204-1340	1.70
5/8	15.9	.97	24.6	250	1.72	20.0	508	6.0	152	.26	.12	50 ft.	25,000 ft.	3204-5415	1.70
3/4	19.1	1.11	28.2	200	1.38	15.0	381	6.0	152	.31	.14	REEL	X	3204-1346	1.79
3/4	19.1	1.15	29.2	250	1.72	20.0	508	6.0	152	.35	.16	REEL	X	3204-1349	2.04
3/4	19.1	1.15	29.2	250	1.72	20.0	508	6.0	152	.35	.16	50 ft.	200 ft. (X)	3204-5420	2.04
3/4	19.1	1.15	29.2	300	2.07	15.0	381	6.0	152	.35	.16	REEL	X	3204-1355	2.15
3/4	19.1	1.15	29.2	300	2.07	15.0	381	6.0	152	.35	.16	50 ft.	200 ft. (X)	3204-5675	2.15
1	25.4	1.40	35.6	150	1.03	10.0	254	7.9	203	.43	.20	REEL	X	3204-1358	3.05
1	25.4	1.40	35.6	200	1.38	10.0	254	7.9	203	.45	.20	REEL	X	3204-1361	3.15
1	25.4	1.47	37.3	300	2.07	10.0	254	7.9	203	.54	.25	REEL	X	3204-1364	3.64

NOTE: For 1-1/4" and 1-1/2" I.D. see Duro Flex page 26.

19 Coupled with Standard Air Hose fittings Male/Male with 1/4" threads.

Adapta Flex™ Assemblies

Nom. I.D.		Nom. O.D.		Max. W.P.		Suction		Min. Bend Radius		Wt. Per Ft.		Standard	Stock (X) or Minimum	Gates	List Price
(In.)	(mm)	(In.)	(mm)	(psi)	(MPa)	(In. Hg)	(mm Hg)	(In.)	(mm)	(Lbs.)	(Kg)	Pack	Order Qty.	Item No.	Per Ea.
3/8	9.5	.66	16.8	250	1.72	30.0	762	3.0	76	6.95	3.15	50 ft.	5 EA (X)	3204-1720	$75.59
3/8	9.5	.66	16.8	250	1.72	30.0	762	3.0	76	6.95	3.15	50 ft. BP**	54 EA (X)	3204-1900	68.03

RECOMMENDED FOR: Air and water applications requiring maximum flexibility in any industry, including mining, construction, agriculture, vehicle repair and in-plant operations. Outstanding resistance to heat and ozone. Suitable for light agricultural spraying, such as dilute solutions of herbicides.

TEMPERATURE: -40°F to +200°F (-40°C to +93°C) continuous service. Reference page 6 for additional information.

CONSTRUCTION:
Tube: Type P (EPDM). Black.
Reinforcement: Synthetic, high tensile textile cord.
Cover: Type P (EPDM). Red All sizes through 1/2" are perforated.

COUPLINGS: 19 (up through 1/2" only), 1, 3 or 4 (up through 1/2" with 20 brass ferrules, up through 1" with bands), 72 Gates Power Crimp® or 75 Gates GLX™. Reference pages 120-133.

PACKAGING:
Minimum of 90% of hose reels will be 1-piece lengths.
3/8" x 50' coupled assemblies: Coiled in a carton, 5 assemblies per carton.
3/8" x 50' coupled assemblies: **** BP = Bulk Pack, 54 assemblies per pallet carton.**
1/4" through 3/4": Packaged in 500' to 700' reels. Maximum 2 pieces in 50' increments.
1": Packaged in 300' to 400' reels. Maximum 2 pieces in 50' increments.
5/8" x 50': Packaged 250' per carton, each length coiled and tied.
3/4" x 50': Packaged 200' per carton, each length coiled and tied.

BRANDING: Continuous ink brand. Example: "GATES® ADAPTA FLEX™ MULTI-PURPOSE 3/8 INCH (9.5mm) 250 PSI (1.72MPa) WP MADE IN USA"

SPECIAL ORDER REQUIREMENTS: Special production runs require minimum order quantities of 25,000 feet per size.

REMNANT LENGTHS: None.

STANDARDS: **Tube:** RMA (Class C) Limited oil resistance.

Due to continual product improvements, Gates reserves the right to alter specs and prices without prior notice.

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Air and Multi-Purpose Hose — UPS Shippable Reels — Adapta Flex™

Red Cover (Specification 3204E)

Nom. I.D.		Nom. O.D.		Max. W.P.		Suction		Min. Bend Radius		Wt. Per Ft.		Standard	Stock (X) or Minimum	Gates	List Price
(In.)	(mm)	(In.)	(mm)	(psi)	(MPa))	(In. Hg)	(mm Hg)	(In.)	(mm)	(Lbs.)	(Kg)	Pack	Order Qty.	Item No.	Per Ft.
1/4	6.4	.50	12.7	200	1.38	30.0	762	3.0	76	.09	.04	REEL	X	3204-1373	$.73
3/8	9.5	.66	16.8	200	1.38	30.0	762	3.0	76	.14	.06	REEL	X	3204-1375	1.01
1/2	12.7	.81	20.6	200	1.38	25.0	635	5.0	127	.19	.09	REEL	X	3204-1377	1.20
5/8	15.9	.97	24.6	200	1.38	20.0	508	6.0	152	.26	.12	REEL	X	3204-1379	1.54
3/4	19.1	1.11	28.2	200	1.38	15.0	381	6.0	152	.31	.14	REEL	X	3204-1381	1.79
1	25.4	1.40	35.6	200	1.38	10.0	254	7.9	203	.45	.20	REEL	X	3204-1383	3.15

RECOMMENDED FOR: Air and water applications requiring maximum flexibility in any industry, including mining, construction, agriculture, vehicle repair and in-plant operations. Outstanding resistance to heat and ozone. Suitable for light agricultural spraying, such as dilute solutions of herbicides.

TEMPERATURE: -40°F to +200°F (-40°C to +93°C) continuous service. Reference page 6 for additional information.

CONSTRUCTION:
Tube: Type P (EPDM). Black.
Reinforcement: Synthetic, high tensile textile cord.
Cover: Type P (EPDM). Red All sizes through 1/2" are perforated. (Blue, green and yellow covers available on special order).

COUPLINGS 19 (up through 1/2" only), 1, 3 or 4 (up through 1/2" with 20 brass ferrules, up through 1" with bands), 72 Gates Power Crimp® or 75 Gates GLX™. Reference pages 120-133.

PACKAGING: **All sizes packaged on single piece reels meet UPS (United Parcel Service) size and weight requirements**.
1/4" and 3/8": Packaged in 375' to 425' single piece reels.
1/2": Packaged in 225' to 275' single piece reels
5/8": Packaged in 235' to 265' single piece reels.
3/4": Packaged in 185' to 215' single piece reels.
1": Packaged in 100' to 125' single piece reels.

BRANDING: Continuous ink brand. Example: "GATES® ADAPTA FLEX™ MULTI-PURPOSE 3/8 INCH (9.5mm) 200 PSI (1.38MPa) WP MADE IN USA"

SPECIAL ORDER REQUIREMENTS: Special production runs require minimum order quantities of 25,000 feet per size.
Black, blue, green and yellow covers are made to order and require 25,000 ft. orders by size/color.
Prices for colors as follows from list prices above: Black **less** 5% (X.95). Blue, green and yellow contact Denver Industrial Hose Marketing for pricing, order requirements and availability.

REMNANT LENGTHS: None.

STANDARDS: **Tube:** RMA (Class C) Limited oil resistance.
Reels meet size and weight requirements of UPS (United Parcel Service).

Due to continual product improvements, Gates reserves the right to alter specs and prices without prior notice.

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Air and Multi-Purpose Hose

Black Cover

Adapta Flex™

(Specification 3204EB/3204SB)

Nom. I.D.		Nom. O.D.		Max. W.P.		Suction		Min. Bend Radius		Wt. Per Ft.		Standard	Stock (X) or Minimum	Gates	List Price
(In.)	(mm)	(In.)	(mm)	(psi)	(MPa)	(In. Hg)	(mm Hg)	(In.)	(mm)	(Lbs.)	(Kg)	Pack	Order Qty.	Item No.	Per Ft.
1/4	6.4	.50	12.7	200	1.38	30.0	762	3.0	76	.09	.04	REEL	X	3204-1401	$.70
1/4	6.4	.50	12.7	250	1.72	30.0	762	3.0	76	.09	.04	REEL	25,000 ft.	3204-1404	.96
1/4	6.4	.62	15.8	250	1.72	30.0	762	3.0	76	.15	.07	REEL	25,000 ft.	3204-1406	1.51
3/8	9.5	.66	16.8	200	1.38	30.0	762	3.0	76	.14	.06	REEL	X	3204-1407	1.00
3/8	9.5	.66	16.8	250	1.72	30.0	762	3.0	76	.14	.06	REEL	X	3204-1410	1.18
1/2	12.7	.81	20.6	200	1.38	25.0	635	5.0	127	.19	.09	REEL	X	3204-1413	1.19
1/2	12.7	.81	20.6	250	1.72	25.0	635	5.0	127	.19	.09	REEL	X	3204-1416	1.38
5/8	15.9	.97	24.6	200	1.38	20.0	508	6.0	152	.26	.12	REEL	X	3204-1419	1.43
3/4	19.1	1.11	28.2	200	1.38	15.0	381	6.0	152	.32	.15	REEL	X	3204-1422	1.67
3/4	19.1	1.15	29.2	250	1.72	20.0	508	6.0	152	.35	.16	REEL	X	3204-1425	1.89
3/4	19.1	1.15	29.2	250	1.72	20.0	508	6.0	152	.35	.16	50 ft.	200 ft. (X)	3204-5820	1.89
1	25.4	1.40	35.6	150	1.03	10.0	254	7.9	203	.44	.20	REEL	X	3204-1428	2.80
1	25.4	1.40	35.6	200	1.38	10.0	254	7.9	203	.45	.20	REEL	X	3204-1431	3.01
1-1/4	31.8	1.73	43.9	250	1.72	10.0	254	10.0	254	.68	.31	REEL	X	3204-1434	4.29
1-1/2	38.1	1.98	50.3	250	1.72	10.0	254	12.0	305	.79	.36	REEL	X	3204-1437	5.36

19 Coupled with Standard Air Hose fittings Male/Male with 1/4" threads.

Adapta Flex™ Assemblies

Nom. I.D.		Nom. O.D.		Max. W.P.		Suction		Min. Bend Radius		Wt. Per Ft.		Standard	Stock (X) or Minimum	Gates	List Price
(In.)	(mm)	(In.)	(mm)	(psi)	(MPa)	(In. Hg)	(mm Hg)	(In.)	(mm)	(Lbs.)	(Kg)	Pack	Order Qty.	Item No.	Per Ea.
3/8	9.5	.66	16.8	250	1.72	30.0	762	3.0	76	7.05	3.20	50 ft.	5 EA (X)	3204-1721	$74.61

RECOMMENDED FOR: Air and water applications requiring maximum flexibility in any industry, including mining, construction, agriculture, vehicle repair and in-plant operations. Outstanding resistance to heat and ozone. Suitable for light agricultural spraying, such as dilute solutions of herbicides.

TEMPERATURE: -40°F to +200°F (-40°C to +93°C) continuous service. Reference page 6 for additional information.

CONSTRUCTION:
Tube: Type P (EPDM). Black.
Reinforcement: Synthetic, high tensile textile cord.
Cover: Type P (EPDM). Black All sizes through 1/2" are perforated.

COUPLINGS: 19 (up through 1/2" only), 1, 3 or 4 (up through 1/2" with 20 brass ferrules, up through 1" with bands), 72 Gates Power Crimp® or 75 Gates GLX™. Reference pages 120-133.

PACKAGING:
Minimum of 90% of hose reels will be 1-piece lengths.

3/8" x 50' coupled assemblies:	Coiled in a carton, 5 assemblies per carton.
1/4" through 3/4":	Packaged in 500' to 700' reels. Maximum 2 pieces in 50' increments.
1":	Packaged in 300' to 400' reels. Maximum 2 pieces in 50' increments.
1-1/4":	Packaged in 300' reels. Maximum 2 pieces in 50' increments.
1-1/2":	Packaged in 250' reels. Maximum 2 pieces in 50' increments.
3/4" x 50':	Packaged 200' per carton, each length coiled and tied.

BRANDING: Continuous ink brand. Example: "GATES® ADAPTA FLEX™ MULTI-PURPOSE 3/8 INCH (9.5mm) 250 PSI (1.72MPa) WP MADE IN USA"

SPECIAL ORDER REQUIREMENTS: Special production runs require minimum order quantities of 25,000 feet per size.

REMNANT LENGTHS: None.

STANDARDS:
Tube: RMA (Class C) Limited oil resistance.
Cover: RMA (Class C) Limited oil resistance.

Due to continual product improvements, Gates reserves the right to alter specs and prices without prior notice.

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July 1, 2006

Air and Multi-Purpose Hose

Adapta Flex™

Blue, Green & Yellow Cover

(Specification 3204BL, GR, YL)

Color	Nom. I.D. (In.)	Nom. I.D. (mm)	Nom. O.D. (In.)	Nom. O.D. (mm)	Max. W.P. (psi)	Max. W.P. (MPa)	Suction (In. Hg)	Suction (mm Hg)	Min. Bend Radius (In.)	Min. Bend Radius (mm)	Wt. Per Ft. (Lbs.)	Wt. Per Ft. (Kg)	Standard Pack	Stock (X) or Minimum Order Qty.	Gates Item No.	List Price Per Ft.
Blue	1/4	6.4	.50	12.7	250	1.72	30.0	762	3.0	76	.09	.04	REEL	25,000 ft.	3204-1496	$1.07
Blue	3/8	9.5	.66	16.8	250	1.72	30.0	762	3.0	76	.14	.06	REEL	X	3204-1497	1.32
Blue	3/8	9.5	.69	17.5	300	2.07	30.0	762	3.0	76	.15	.07	REEL	25,000 ft.	3204-1501	1.53
Blue	1/2	12.7	.81	20.6	250	1.72	25.0	635	5.0	127	.19	.09	REEL	X	3204-1498	1.58
Blue	1/2	12.7	.83	21.1	300	2.07	25.0	635	5.0	127	.20	.09	REEL	25,000 ft.	3204-1503	1.88
Blue	5/8	15.9	.97	24.6	250	1.72	20.0	508	6.0	152	.26	.12	REEL	25,000 ft.	3204-1499	1.87
Blue	3/4	19.1	1.15	29.2	250	1.72	20.0	508	6.0	152	.35	.16	REEL	X	3204-1500	2.24
Blue	3/4	19.1	1.15	29.2	300	2.07	15.0	381	6.0	152	.35	.16	REEL	25,000 ft.	3204-1505	2.45
Blue	3/4	19.1	1.15	29.2	300	2.07	15.0	381	6.0	152	.35	.16	50 ft.	200 ft. (X)	3204-0560	2.45
Green	1/4	6.4	.50	12.7	250	1.72	30.0	762	3.0	76	.09	.04	REEL	25,000 ft.	3204-1516	1.07
Green	3/8	9.5	.66	16.8	250	1.72	30.0	762	3.0	76	.14	.06	REEL	X	3204-1517	1.32
Green	3/8	9.5	.69	17.5	300	2.07	30.0	762	3.0	76	.15	.07	REEL	25,000 ft.	3204-1511	1.53
Green	1/2	12.7	.81	20.6	250	1.72	25.0	635	5.0	127	.19	.09	REEL	X	3204-1518	1.58
Green	1/2	12.7	.83	21.1	300	2.07	25.0	635	5.0	127	.20	.09	REEL	25,000 ft.	3204-1513	1.88
Green	5/8	15.9	.97	24.6	250	1.72	20.0	508	6.0	152	.26	.12	REEL	25,000 ft.	3204-1519	1.87
Green	3/4	19.1	1.15	29.2	250	1.72	20.0	508	6.0	152	.35	.16	REEL	X	3204-1520	2.24
Green	3/4	19.1	1.15	29.2	300	2.07	15.0	381	6.0	152	.35	.16	REEL	25,000 ft.	3204-1515	2.45
Green	3/4	19.1	1.15	29.2	300	2.07	15.0	381	6.0	152	.35	.16	50 ft.	200 ft. (X)	3204-0506	2.45
Yellow	1/4	6.4	.50	12.7	250	1.72	30.0	762	3.0	76	.09	.04	REEL	25,000 ft.	3204-1526	1.07
Yellow	3/8	9.5	.66	16.8	250	1.72	30.0	762	3.0	76	.14	.06	REEL	X	3204-1527	1.32
Yellow	3/8	9.5	.69	17.5	300	2.07	30.0	762	3.0	76	.15	.07	REEL	25,000 ft.	3204-1521	1.53
Yellow	1/2	12.7	.81	20.6	250	1.72	25.0	635	5.0	127	.19	.09	REEL	X	3204-1528	1.58
Yellow	1/2	12.7	.83	21.1	300	2.07	25.0	635	5.0	127	.20	.09	REEL	25,000 ft.	3204-1523	1.88
Yellow	5/8	15.9	.97	24.6	250	1.72	20.0	508	6.0	152	.26	.12	REEL	25,000 ft.	3204-1529	1.87
Yellow	3/4	19.1	1.15	29.2	250	1.72	20.0	508	6.0	152	.35	.16	REEL	X	3204-1530	2.24
Yellow	3/4	19.1	1.15	29.2	300	2.07	15.0	381	6.0	152	.35	.16	REEL	25,000 ft.	3204-1525	2.45
Yellow	3/4	19.1	1.15	29.2	300	2.07	15.0	381	6.0	152	.35	.16	50 ft.	200 ft. (X)	3204-0558	2.45

RECOMMENDED FOR: Air and water applications requiring maximum flexibility in any industry, including mining, construction, agriculture, vehicle repair and in-plant operations. Outstanding resistance to heat and ozone. Suitable for light agricultural spraying, such as dilute solutions of herbicides.

TEMPERATURE: -40°F to +200°F (-40°C to +93°C) continuous service. Reference page 6 for additional information.

CONSTRUCTION:
Tube: Type P (EPDM). Black.
Reinforcement: Synthetic, high tensile textile cord.
Cover: Type P (EPDM). Blue, Green or Yellow. All sizes through 1/2" are perforated.

COUPLINGS: 19 (up through 1/2" only), 1, 3 or 4 (up through 1/2" with 20 brass ferrules, up through 1" with bands), 72 Gates Power Crimp® or 75 Gates GLX™. Reference pages 120-133.

PACKAGING:
Minimum of 90% of hose reels will be 1-piece lengths.
3/8" through 3/4": Packaged in 500' to 700' reels. Maximum 2 pieces in 50' increments.
3/4" x 50': Packaged 200' per carton, each length coiled and tied.

BRANDING: Continuous ink brand. Example: "GATES® ADAPTA FLEX™ MULTI-PURPOSE 3/8 INCH (9.5mm) 300 PSI (2.07MPa) WP MADE IN USA"

SPECIAL ORDER REQUIREMENTS: Special production runs require minimum order quantities of 25,000 feet per size.

REMNANT LENGTHS: None.

STANDARDS: **Tube:** RMA (Class C) Limited oil resistance.

Due to continual product improvements, Gates reserves the right to alter specs and prices without prior notice.

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Air and Multi-Purpose Hose "Silicone Free"

Tufflex® Plus

(Specification 7746)

Nom. I.D.		Nom. O.D.		Max. W.P.		Suction		Min. Bend Radius		Wt. Per Ft.		Standard	Stock (X) or Minimum	Gates	List Price
(In.)	(mm)	(In.)	(mm)	(psi)	(MPa)	(In. Hg)	(mm Hg)	(In.)	(mm)	(Lbs.)	(Kg)	Pack	Order Qty.	Item No.	Per Ft.
1/4	6.4	.50	12.7	300	2.07	25.0	635	0.7	18	.10	.05	REEL	X	7746-1022	$.65
3/8	9.5	.60	15.2	300	2.07	25.0	635	1.0	25	.11	.05	REEL	X	7746-1023	.91
1/2	12.7	.79	20.1	300	2.07	25.0	635	1.3	33	.13	.06	REEL	X	7746-1024	1.13
5/8	15.9	.92	23.4	300	2.07	20.0	508	1.8	46	.19	.09	REEL	X	7746-1025	1.42
3/4	19.1	1.07	27.2	300	2.07	15.0	381	2.5	64	.29	.13	REEL	X	7746-1026	1.71
1	25.4	1.44	36.6	200	1.38	15.0	381	3.5	89	.45	.20	REEL	X	7746-1027	3.02

*** Up through 3/4" 300 psi (2.07MPa) at +70ºF (+21ºC), 250 psi (1.72MPa) at +150ºF (+66ºC). For 1" 200 psi (1.38MPa) at +70ºF (+21ºC), 150 psi (1.03MPa) at 150ºF (+66ºC).**

RECOMMENDED FOR: Multi-Purpose applications including air, water (up to 150ºF), mild chemicals and spray solutions at rated working pressures as listed. Suitable for in-line oiler service. Silicone free. Ideal for pneumatic tools, air service to paint equipment, coolant lines, etc. For chemical resistance, reference Gates Chemical Resistance Table on page 158.

TEMPERATURE: -15ºF to +150ºF (-26ºC to +66ºC) continuous service.

CONSTRUCTION:
Tube: Type G_1 (Modified PVC). Black.
Reinforcement: Synthetic, high tensile textile cord.
Cover: Type G_1 (Modified PVC). Red. All sizes are perforated.

COUPLINGS: 19 (up through 1/2" only), 1, 3 or 4 (up through 1/2" with 20 brass ferrules, up through 1" with bands), or 75 Gates GLX™ Reference pages 120-133.

PACKAGING:
1/4" through, 5/8": Packaged on 500' reels. Maximum of 2 pieces per reel. Minimum length 25 ft.
3/4": Packaged on 600' reels. Maximum of 2 pieces per reel. Minimum length 25 ft.
1": Packaged on 400' reels. Maximum of 2 pieces per reel. Minimum length 25 ft.

BRANDING: Continuous ink brand. Example: "Gates TUFFLEX® PLUS Multi-Purpose 1/2 Inch (12.7mm) 300 PSI (2.07MPa) WP Made In U.S.A."

SPECIAL ORDER REQUIREMENTS: Special production runs require minimum order quantities of 25,000 feet per size.

REMNANT LENGTHS: None.

Due to continual product improvements, Gates reserves the right to alter specs and prices without prior notice.

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Air and Multi-Purpose Hose

319MB Gold Master®

(Specification 3619G/3619GL)

Nom. I.D.		Nom. O.D.		Max. W.P.		Suction		Min. Bend Radius		Wt. Per Ft.		Standard	Stock (X) or Minimum	Gates	List Price
(In.)	(mm)	(In.)	(mm)	(psi)	(MPa)	(In. Hg)	(mm Hg)	(In.)	(mm)	(Lbs.)	(Kg)	Pack	Order Qty.	Item No.	Per Ft.
1/4	6.4	.63	15.9	1000	6.90	30.0	762	3.0	76	.22	.10	REEL	5,000 ft.	3619-0200	$5.86
3/8	9.5	.77	19.6	1000	6.90	30.0	762	3.0	76	.31	.14	REEL	5,000 ft.	3619-0210	6.52
1/2	12.7	.92	23.4	1000	6.90	30.0	762	5.0	127	.42	.19	REEL	5,000 ft.	3619-0220	7.54
3/4	19.1	1.21	30.7	1000	6.90	25.0	635	7.9	203	.60	.27	REEL	5,000 ft.	3619-0230	10.49
1	25.4	1.46	37.1	1000	6.90	25.0	635	11.0	279	.77	.35	50 ft.	5,000 ft.	3619-0239	14.47
1-1/4	31.8	1.69	42.9	1000	6.90	20.0	508	15.9	406	.87	.40	50 ft.	5,000 ft.	3619-0600	18.90
1-1/2	38.1	1.94	49.3	1000	6.90	15.0	381	17.9	457	1.06	.48	50 ft.	600 ft.	3619-0620	25.31
2	50.8	2.46	62.5	1000	6.90	10.0	254	25.0	635	1.48	.67	50 ft.	600 ft.	3619-0630	29.55

RECOMMENDED FOR: High pressure water and oil applications requiring good kink resistance and excellent flexibility. Air service working pressure is 300 psi for all sizes. Also washdown service to 212°F (100°C) in packing plants where a non-marking cover is required. Cover is resistant to weather, oil, animal fat, abrasion and heat encountered in packing plant cleaning applications.

TEMPERATURE: -40°F to +212°F (-40°C to +100°C) air service.

CONSTRUCTION:
Tube: Type A (Neoprene). Black.
Reinforcement: Braided, high tensile steel wire.
Cover: Type M (Hypalon). Gold (non-marking). All sizes are perforated.

COUPLINGS: 72 Gates Power Crimp®, 14 , 15 or 18 (up to 300 PSI only). Reference pages 122-133.

PACKAGING:
1/4" through 3/4": Packaged in 200' to 300' reels. Maximum of 3 pieces. Minimum length 25'. One length under 100'.
1" through 2": Packaged 50' coiled in a carton.

BRANDING: Continuous ink brand. Example: "Gates 319MB GOLD MASTER® MULTI-PURPOSE 3/8 INCH (9.5mm) 1000 PSI (6.90MPa) WP MADE IN U.S.A."

SPECIAL ORDER REQUIREMENTS: Special production runs require minimum order quantities of 5,000 feet for 1/4" through 1-1/4" and 600 feet for 1-1/2" and larger.

REMNANT LENGTHS: None.

STANDARDS:
Tube: RMA (Class B) Medium oil resistance.
Cover: RMA (Class B) Medium oil resistance.

Due to continual product improvements, Gates reserves the right to alter specs and prices without prior notice.

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Air and Multi-Purpose Hose

1000 MP/Mine Spray

(Specification 3619M)

Nom. I.D.		Nom. O.D.		Max. W.P.		Suction		Min. Bend Radius		Wt. Per Ft.		Standard	Stock (X) or Minimum	Gates	List Price
(In.)	(mm)	(In.)	(mm)	(psi)	(MPa)	(In. Hg)	(mm Hg)	(In.)	(mm)	(Lbs.)	(Kg)	Pack	Order Qty.	Item No.	Per Ft.
1/2	12.7	.84	21.3	1000	6.90	30.0	762	5.0	127	.29	.13	50 ft.	X	3619-0699	$5.21
1/2	12.7	.84	21.3	1000	6.90	30.0	762	5.0	127	.29	.13	100 ft.	X	3619-0716	5.21
1/2	12.7	.84	21.3	1000	6.90	30.0	762	5.0	127	.29	.13	Bulk 50 ft.	5,000 ft.	3619-0761	4.96
3/4	19.1	1.10	27.9	1000	6.90	25.0	635	7.9	203	.43	.20	50 ft.	X	3619-0700	5.84
3/4	19.1	1.10	27.9	1000	6.90	25.0	635	7.9	203	.43	.20	100 ft.	X	3619-0721	5.84
3/4	19.1	1.10	27.9	1000	6.90	25.0	635	7.9	203	.43	.20	Bulk 50 ft.	3,000 ft.	3619-0762	5.56
3/4	19.1	1.10	27.9	1000	6.90	25.0	635	7.9	203	.43	.20	Bulk 100 ft.	3,000 ft.	3619-0789	5.56
1	25.4	1.42	36.1	1000	6.90	25.0	635	11.0	279	.66	.30	50 ft.	X	3619-0701	6.96
1	25.4	1.42	36.1	1000	6.90	25.0	635	11.0	279	.66	.30	100 ft.	X	3619-0786	6.96
1	25.4	1.42	36.1	1000	6.90	25.0	635	11.0	279	.66	.30	Bulk 50 ft.	3,000 ft.	3619-0763	6.63
1	25.4	1.42	36.1	1000	6.90	25.0	635	11.0	279	.66	.30	Bulk 100 ft.	3,000 ft.	3619-0790	6.63
1-1/4	31.8	1.69	42.9	1000	6.90	20.0	508	16.0	406	.81	.37	50 ft.	X	3619-0702	10.11
1-1/4	31.8	1.69	42.9	1000	6.90	20.0	508	16.0	406	.81	.37	100 ft.	X	3619-0787	10.11
1-1/4	31.8	1.69	42.9	1000	6.90	20.0	508	16.0	406	.81	.37	Bulk 50 ft.	3,000 ft.	3619-0764	9.63
1-1/4	31.8	1.69	42.9	1000	6.90	20.0	508	16.0	406	.81	.37	Bulk 100 ft.	3,000 ft.	3619-0791	9.63
1-1/2	38.1	1.92	48.8	1000	6.90	15.0	381	17.9	457	.98	.45	50 ft.	X	3619-0708	15.45
1-1/2	38.1	1.92	48.8	1000	6.90	15.0	381	17.9	457	.98	.45	100 ft.	X	3619-0788	15.45
1-1/2	38.1	1.92	48.8	1000	6.90	15.0	381	17.9	457	.98	.45	Bulk 50 ft.	3,000 ft.	3619-0765	14.70
1-1/2	38.1	1.92	48.8	1000	6.90	15.0	381	17.9	457	.98	.45	Bulk 100 ft.	3,000 ft.	3619-0792	14.70
2	50.8	2.45	62.0	1000	6.90	10.0	254	25.0	635	1.36	.62	50 ft.	X	3619-0760	18.24
2	50.8	2.45	62.0	1000	6.90	10.0	254	25.0	635	1.36	.62	100 ft.	X	3619-0745	18.24
2	50.8	2.45	62.0	1000	6.90	10.0	254	25.0	635	1.36	.62	Bulk 50 ft.	3,000 ft.	3619-0766	17.37

RECOMMENDED FOR: High pressure water service in underground mining applications and hot water washdown service. Air service working pressure is 300 psi for all sizes.

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

CONSTRUCTION:
Tube: Type P (EPDM). Black.
Reinforcement: Braided, high tensile steel wire.
Cover: Type C_2 (Modified Nitrile). Yellow (non-marking). All sizes are perforated.

COUPLINGS: 72 Gates Power Crimp®, 74 Gates MegaCrimp® (3/4" through 1-1/4"), 14 , 15 or 19 (up to 300 PSI only). Reference pages 122-133.

PACKAGING:
1/2" through 2": 50 ft. and 100 ft. lengths, one length coiled in a carton.
1/2" x 50': Packaged 1200' per bulk carton, each length coiled and tied.
3/4" x 50': Packaged 1000' per bulk carton, each length coiled and tied.
3/4" x 100': Packaged 1000' per bulk carton, each length coiled and tied.
1" x 50': Packaged 700' per bulk carton, each length coiled and tied.
1" x 100': Packaged 700' per bulk carton, each length coiled and tied
1-1/4" x 50': Packaged 600' per bulk carton, each length coiled and tied.
1-1/4" x 100': Packaged 600' per bulk carton, each length coiled and tied.
1-1/2" x 50': Packaged 400' per bulk carton, each length coiled and tied.
1-1/2" x 100': Packaged 400' per bulk carton, each length coiled and tied.
2" x 50': Packaged 200' per bulk carton, each length coiled and tied.

BRANDING: Continuous transfer label. Example: "Gates 1000 MP/Mine Spray 1-1/2 INCH (38.1mm) 1000 PSI (6.90MPa) WP 300 PSI (2.07MPa) MAX Air Service MSHA IC-11C MADE IN INDIA"

SPECIAL ORDER REQUIREMENTS: Special production runs require minimum order quantities of 5,000 feet for 1/2" and 3,000 feet for 3/4" through 2". Contact Industrial Hose Marketing for lead times.

REMNANT LENGTHS: None.

STANDARDS: **Cover:** Meets MSHA 30 CFR 18.65. Flame resistant.

Due to continual product improvements, Gates reserves the right to alter specs and prices without prior notice.

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Air and Multi-Purpose Hose

Longwall Mine Emulsion

(Specification 3619MC/3619MY)

Black Cover (3619MC)

Nom. I.D.		Nom. O.D.		Max. W.P.		Suction		Min. Bend Radius		Wt. Per Ft.		Standard	Stock (X) or Minimum	Gates	List Price
(In.)	(mm)	(In.)	(mm)	(psi)	(MPa)	(In. Hg)	(mm Hg)	(In.)	(mm)	(Lbs.)	(Kg)	Pack	Order Qty.	Item No.	Per Ft.
2-1/2	63.5	3.34	84.8	1000	6.90	10.0	254	20.0	508	2.90	1.32	50 ft.	X	3619-0809	$28.91
2-1/2	63.5	3.34	84.8	1000	6.90	10.0	254	20.0	508	2.90	1.32	100 ft.	X	3619-0811	31.80
3	76.2	3.91	99.3	1000	6.90	10.0	254	20.0	508	4.05	1.84	50 ft.	X	3619-0810	38.48
3	76.2	3.91	99.3	1000	6.90	10.0	254	20.0	508	4.05	1.84	100 ft.	X	3619-3531	42.33

Yellow Cover (3619MY)

Nom. I.D.		Nom. O.D.		Max. W.P.		Suction		Min. Bend Radius		Wt. Per Ft.		Standard	Stock (X) or Minimum	Gates	List Price
(In.)	(mm)	(In.)	(mm)	(psi)	(MPa)	(In. Hg)	(mm Hg)	(In.)	(mm)	(Lbs.)	(Kg)	Pack	Order Qty.	Item No.	Per Ft.
3	76.2	3.91	99.3	1000	6.90	10.0	254	20.0	508	4.05	1.84	50 ft.	X	3619-0051	$41.56
3	76.2	3.91	99.3	1000	6.90	10.0	254	20.0	508	4.05	1.84	100 ft.	X	3619-3530	45.72

RECOMMENDED FOR: Flexible connections in high pressure water distribution and emulsion systems used in a variety of industries. The thick cover meets MSHA's self-extinguishing requirements, and is designed for the rough mining environment.

TEMPERATURE: -40°F to +212°F (-40°C to +100°C) normal service.

CONSTRUCTION:
Tube: Type A (Neoprene). Black.
Reinforcement: Braided, high tensile steel wire.
Cover: Type C_2 (Specially Compounded Elastomer). Black. Self-extinguishing to meet MSHA requirements.
Type C_4 (Modified Nitrile). Yellow (non-marking). Self-extinguishing to meet MSHA requirements.

COUPLINGS: 14 , 15 or reusable male couplings (Wildman). Reference pages 122-133.

PACKAGING: All lengths coiled in a carton.

BRANDING:
Continuous ink brand. Example: "Gates LONGWALL MINE EMULSION 3 INCH (76.2mm) 1000 PSI 6.90MPa) W.P. MSHA 2G-IC-11C MADE IN INDIA"
Continuous ink brand. Example: "Gates LONGWALL MINE EMULSION 3 INCH (76.2mm) 1000 PSI 6.90MPa) W.P. MSHA IC-11C MADE IN INDIA" (yellow cover only)

SPECIAL ORDER REQUIREMENTS: Special production runs require minimum order quantities of 600 feet per size.

REMNANT LENGTHS: None.

STANDARDS:
Tube: RMA (Class B) Medium oil resistance.
Cover: Meets MSHA 30 CFR 18.65. Flame resistant.

Due to continual product improvements, Gates reserves the right to alter specs and prices without prior notice.

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Air and Multi-Purpose Hose

18MB

(Air Drill–Wire Braid)

(Specification 3618/3618GL)

Nom. I.D.		Nom. O.D.		Max. W.P.		Suction		Min. Bend Radius		Wt. Per Ft.		Standard	Stock (X) or Minimum	Gates	List Price
(In.)	(mm)	(In.)	(mm)	(psi)	(MPa)	(In. Hg)	(mm Hg)	(In.)	(mm)	(Lbs.)	(Kg)	Pack	Order Qty.	Item No.	Per Ft.
3/4	19.1	1.28	32.5	500	3.45	25.0	635	6.0	152	.60	.27	50 ft.	X	3618-0011	$11.97
1	25.4	1.55	39.4	500	3.45	25.0	635	8.0	203	.80	.36	50 ft.	X	3618-0021	13.90
1-1/4	31.8	1.80	45.7	500	3.45	15.0	381	10.0	254	.95	.43	50 ft.	5,000 ft.	3618-0031	17.27
1-1/2	38.1	2.21	56.1	500	3.45	15.0	381	12.0	305	1.26	.57	50 ft.	X	3618-0041	22.59
2	50.8	2.77	70.4	600	4.14	15.0	381	14.0	356	1.99	.90	50 ft.	X	3618-0051	31.99
2-1/2	63.5	3.46	87.9	500	3.45	10.0	254	30.0	762	3.04	1.38	50 ft.	X	3618-0201	38.94
2-1/2	63.5	3.46	87.9	500	3.45	10.0	254	30.0	762	3.04	1.38	60 ft.	X	3618-0205	38.94
3	76.2	3.97	100.8	500	3.45	10.0	254	36.0	914	3.69	1.67	50 ft.	X	3618-0215	47.17
4	101.6	5.06	128.5	500	3.45	10.0	254	47.6	1219	5.77	2.62	50 ft.	X	3618-0225	62.93

RECOMMENDED FOR: Extra heavy duty, high pressure use on industrial, construction and pneumatic mining applications requiring wire braided hose with an oil resistant tube and abrasion resistant cover.

TEMPERATURE: -30ºF to +212ºF (-34ºC to +100ºC) continuous service.

CONSTRUCTION:
Tube: Type A (Neoprene). Black.
Reinforcement: Braided, high tensile steel wire.
Cover: Type C_2 (Modified Nitrile). Gray with yellow stripe. All sizes are perforated. For 3/4" through 1-1/4" sizes only.
Type D_3 (Natural Rubber). Gray with yellow stripe. All sizes are perforated. For 1-1/2" through 4" sizes only.

COUPLINGS: 14 , 15 or 18 . Reference pages 122-133.

PACKAGING:
3/4" through 1-1/2": Packaged 49'-50' length coiled in a carton.
2" through 4": Packaged 48'-50' length coiled in a carton.
2-1/2" x 60': Packaged 60' length coiled in a carton.

BRANDING: Continuous transfer label. Example: "Gates 18MB PREMIUM AIR DRILL 500 PSI (3.45MPa) WP MADE IN U.S.A."

SPECIAL ORDER REQUIREMENTS: Special production runs require minimum order quantities of 5,000 feet for 3/4" through 1-1/4" and 600 feet for 1-1/2" and larger.

REMNANT LENGTHS: None.

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

Due to continual product improvements, Gates reserves the right to alter specs and prices without prior notice.

39496-000
July 30, 2007
Supersedes 39496-000
July 1, 2006

Air and Multi-Purpose Hose

500 MP/Air Drill

(Wire Braid)

(Specification 3618/3618Y))

Black Cover (3618)

Nom. I.D.		Nom. O.D.		Max. W.P.		Suction		Min. Bend Radius		Wt. Per Ft.		Standard	Stock (X) or Minimum	Gates	List Price
(In.)	(mm)	(In.)	(mm)	(psi)	(MPa)	(In. Hg)	(mm Hg)	(In.)	(mm)	(Lbs.)	(Kg)	Pack	Order Qty.	Item No.	Per Ft.
3/4	19.1	1.11	28.2	500	3.45	25.0	635	6.0	152	.41	.19	100 ft.	X	3618-0801	$8.98
1	25.4	1.45	36.6	500	3.45	25.0	635	7.9	203	.66	.30	100 ft.	X	3618-0802	10.43
1-1/4	31.8	1.74	44.2	500	3.45	15.0	381	10.0	254	.86	.39	100 ft.	X	3618-0803	12.95
1-1/2	38.1	1.99	50.6	500	3.45	15.0	381	12.0	305	.98	.45	100 ft.	X	3618-0804	16.93
2	50.8	2.50	63.5	500	3.45	15.0	381	14.0	356	1.40	.64	100 ft.	X	3618-0805	24.00
2-1/2	63.5	3.14	79.8	500	3.45	10.0	254	30.0	762	2.16	.98	100 ft.	X	3618-0806	29.21
3	76.2	3.67	93.2	500	3.45	10.0	254	36.0	914	2.73	1.24	100 ft.	X	3618-0807	35.39

NOTE: For 4" I.D. see 18MB page 35.

Yellow Cover (3618Y)

Nom. I.D.		Nom. O.D.		Max. W.P.		Suction		Min. Bend Radius		Wt. Per Ft.		Standard	Stock (X) or Minimum	Gates	List Price
(In.)	(mm)	(In.)	(mm)	(psi)	(MPa)	(In. Hg)	(mm Hg)	(In.)	(mm)	(Lbs.)	(Kg)	Pack	Order Qty.	Item No.	Per Ft.
3/4	19.1	1.11	28.2	500	3.45	25.0	635	6.0	152	.41	.19	100 ft.	X	3618-0808	$9.57
1	25.4	1.45	36.6	500	3.45	25.0	635	7.9	203	.65	.30	100 ft.	X	3618-0809	11.13
1-1/4	31.8	1.74	44.2	500	3.45	15.0	381	10.0	254	.85	.39	100 ft.	X	3618-0810	13.83
1-1/2	38.1	1.99	50.6	500	3.45	15.0	381	12.0	305	.96	.45	100 ft.	X	3618-0811	17.95
2	50.8	2.50	63.5	500	3.45	15.0	381	14.0	356	1.43	.65	100 ft.	X	3618-0812	25.59
2-1/2	63.5	3.14	79.8	500	3.45	10.0	254	30.0	762	2.19	.99	100 ft.	X	3618-0813	31.17
3	76.2	3.67	93.2	500	3.45	10.0	254	36.0	914	2.78	1.26	100 ft.	X	3618-0814	37.73

NOTE: For 4" I.D. see 18MB page 35.

RECOMMENDED FOR: Heavy duty, high pressure use on industrial, construction and pneumatic mining applications requiring wire braided hose with an oil resistant tube and abrasion resistant cover.

TEMPERATURE: -22°F to +180°F (-30°C to +82°C) continuous service.

CONSTRUCTION:
Tube: Type C (Nitrile). Black.
Reinforcement: Braided, high tensile steel wire.
Cover: Type D_3 (Natural Rubber). Black with yellow spiral stripe.
Type C_2 (Modified Nitrile). Yellow with black spiral stripe. All sizes are perforated.

COUPLINGS: 14 , 15 or 18 . Reference pages 122-133.

PACKAGING: 100' length coiled in a carton.

BRANDING: Continuous transfer. Example: "Gates 500 MP/Air Drill 3/4 Inch (19.1mm) 500 PSI (3.45MPa) WP MADE IN INDIA"

Continuous transfer. Example: "Gates 500 MP/Air Drill 3/4 Inch (19.1mm) 500 PSI (3.45MPa) WP MSHA IC-11C MADE IN INDIA" (yellow cover only)

SPECIAL ORDER REQUIREMENTS: Special production runs require minimum order quantities of 3,000 feet for 3/4" through 1-1/2" and 2,500 feet for 2" and larger.

REMNANT LENGTHS: None.

STANDARDS: **Tube:** RMA (Class B) Medium oil resistance.
Cover: Meets MSHA 30 CFR 18.65. Flame resistant. Yellow cover only.

Due to continual product improvements, Gates reserves the right to alter specs and prices without prior notice.

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July 30, 2007
Supersedes 39496-000
July 1, 2006

Air and Multi-Purpose Hose

63SB

(Air & Vapor Duct)

(Specification 4663A)

Nom. I.D.		Nom. O.D.		Max. W.P.		Suction		Min. Bend Radius		Wt. Per Ft.		Standard	Stock (X) or Minimum	Gates	List Price
(In.)	(mm)	(In.)	(mm)	(psi)	(MPa)	(In. Hg)	(mm Hg)	(In.)	(mm)	(Lbs.)	(Kg)	Pack	Order Qty.	Item No.	Per Ft.
5/8	15.9	.81	20.6	10	.07	5.0	127	1.0	25	.12	.05	10 ft.	X	4663-4000	$9.97
3/4	19.1	.94	23.9	10	.07	5.0	127	1.0	25	.14	.06	10 ft.	X	4663-4001	11.08
7/8	22.2	1.06	26.9	10	.07	5.0	127	1.0	25	.17	.08	10 ft.	X	4663-4002	11.57
1	25.4	1.19	30.2	10	.07	5.0	127	1.0	25	.20	.09	10 ft.	X	4663-4003	11.90
1-1/4	31.8	1.44	36.6	10	.07	5.0	127	1.0	25	.22	.10	10 ft.	X	4663-4004	13.06
1-3/8	34.9	1.52	38.6	10	.07	5.0	127	1.5	38	.24	.11	10 ft.	X	4663-4005	13.45
1-1/2	38.1	1.69	42.9	10	.07	5.0	127	1.5	38	.26	.12	10 ft.	X	4663-4006	13.73
1-5/8	41.3	1.81	46.0	10	.07	5.0	127	2.0	51	.28	.13	10 ft.	X	4663-4007	14.32
1-3/4	44.5	1.94	49.3	10	.07	5.0	127	2.0	51	.30	.14	10 ft.	X	4663-4008	14.66
1-7/8	47.6	2.06	52.3	10	.07	5.0	127	2.0	51	.32	.15	10 ft.	X	4663-4009	15.12
2	50.8	2.19	55.6	5	.04	3.0	76	2.0	51	.33	.15	10 ft.	X	4663-4010	15.56
2-1/8	54.0	2.31	58.7	5	.04	3.0	76	2.5	64	.35	.16	10 ft.	X	4663-4011	16.15
2-1/4	57.2	2.44	62.0	5	.04	3.0	76	2.5	64	.37	.17	10 ft.	X	4663-4012	16.82
2-3/8	60.3	2.56	65.0	5	.04	3.0	76	2.5	64	.39	.18	10 ft.	X	4663-4013	17.23
2-1/2	63.5	2.69	68.3	5	.04	3.0	76	2.5	64	.41	.19	10 ft.	X	4663-4014	17.71
2-5/8	66.7	2.81	71.4	5	.04	3.0	76	2.8	71	.43	.20	10 ft.	X	4663-4015	18.43
2-3/4	69.9	2.94	74.7	5	.04	3.0	76	2.8	71	.44	.20	10 ft.	X	4663-4016	19.13
3	76.2	3.19	81.0	5	.04	3.0	76	3.0	76	.49	.22	10 ft.	X	4663-4017	19.95
3-1/2	88.9	3.69	93.7	5	.04	3.0	76	3.5	89	.57	.26	10 ft.	X	4663-4018	21.67
3-5/8	92.1	3.81	96.8	5	.04	3.0	76	4.0	102	.59	.27	10 ft.	X	4663-4019	22.63
4	101.6	4.19	106.4	5	.04	3.0	76	4.0	102	.80	.36	10 ft.	X	4663-4020	24.09
4-1/2	114.3	4.69	119.1	5	.04	3.0	76	5.0	127	.89	.40	10 ft.	X	4663-4021	39.52
5	127.0	5.19	131.8	5	.04	3.0	76	6.0	152	.99	.45	10 ft.	X	4663-4022	42.88
5-1/2	139.7	5.69	144.5	5	.04	3.0	76	6.0	152	1.08	.49	10 ft.	X	4663-4023	45.84

RECOMMENDED FOR: Heating and ventilating applications, such as air intake for butane conversion units, air and heater ducts, defroster lines, air cleaner connections to carburetor, exhaust ducts, vent lines for trailer sewers and drains. For standard duty applications. **NOTE:** Not recommended for conveying liquids.

TEMPERATURE: -30ºF to +250ºF (-34ºC to +121ºC) continuous service.

CONSTRUCTION:
Tube: Type A (Neoprene). Black. Oil resistant.
Reinforcement: Single ply of synthetic fabric with two built-in helical wires.
Cover: Black. Neoprene-impregnated fabric.

HOSE ENDS: Plain End. Straight or Enlarged Ends on special order.

PACKAGING: 10' per carton.

BRANDING: Printed patch label every 2 feet with I.D. only.

SPECIAL ORDER REQUIREMENTS: Special production runs require minimum order quantities of one piece. Lengths can be as short as one foot, but minimum billing is ten feet.
For enlarged or straight ends, contact Denver Industrial Hose Marketing for pricing.

REMNANT LENGTHS: None.

Due to continual product improvements, Gates reserves the right to alter specs and prices without prior notice.

39496-000
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July 1, 2006

Air and Multi-Purpose Hose

163SB

(Air & Vapor Duct–Heavy Duty)

(Specification 4663J)

Nom. I.D.		Nom. O.D.		Max. W.P.		Suction		Min. Bend Radius		Wt. Per Ft.		Standard	Stock (X) or Minimum	Gates	List Price
(In.)	(mm)	(In.)	(mm)	(psi)	(MPa)	(In. Hg)	(mm Hg)	(In.)	(mm)	(Lbs.)	(Kg)	Pack	Order Qty.	Item No.	Per Ft.
3/4	19.1	1.00	25.4	20	.14	15.0	381	1.0	25	.20	.09	10 ft.	10 ft.	4663-1516	$13.85
1	25.4	1.25	31.8	20	.14	15.0	381	1.0	25	.26	.12	10 ft.	10 ft.	4663-1518	14.88
1-1/4	31.8	1.50	38.1	20	.14	15.0	381	1.0	25	.34	.15	10 ft.	10 ft.	4663-1530	16.32
1-3/8	34.9	1.63	41.4	15	.10	15.0	381	1.5	38	.44	.20	10 ft.	10 ft.	4663-3321	16.81
1-1/2	38.1	1.75	44.5	15	.10	15.0	381	1.5	38	.48	.22	10 ft.	10 ft.	4663-1540	17.16
1-5/8	41.3	1.88	47.8	15	.10	15.0	381	1.8	46	.51	.23	10 ft.	10 ft.	4663-1543	17.90
1-3/4	44.5	2.00	50.8	15	.10	15.0	381	1.8	46	.54	.25	10 ft.	10 ft.	4663-3954	18.32
1-7/8	47.6	2.13	54.1	15	.10	15.0	381	1.8	46	.58	.26	10 ft.	10 ft.	4663-1548	18.90
2	50.8	2.25	57.2	15	.10	15.0	381	2.0	51	.60	.27	10 ft.	10 ft.	4663-1550	19.44
2-1/8	54.0	2.40	61.0	10	.07	15.0	381	2.5	64	.74	.34	10 ft.	10 ft.	4663-3461	20.18
2-1/4	57.2	2.50	63.5	10	.07	15.0	381	2.5	64	.88	.40	10 ft.	10 ft.	4663-1556	21.02
2-3/8	60.3	2.63	66.8	10	.07	15.0	381	2.5	64	.71	.32	10 ft.	10 ft.	4663-1560	21.53
2-1/2	63.5	2.75	69.9	10	.07	15.0	381	2.5	64	.74	.34	10 ft.	10 ft.	4663-1565	22.14
2-5/8	66.7	2.88	73.2	10	.07	15.0	381	3.0	76	.78	.35	10 ft.	10 ft.	4663-1615	23.04
2-3/4	69.9	3.00	76.2	10	.07	15.0	381	7.0	178	.81	.37	10 ft.	10 ft.	4663-3456	23.91
3	76.2	3.25	82.6	10	.07	7.0	178	10.0	254	.88	.40	10 ft.	10 ft.	4663-1570	24.94
3-1/8	79.4	3.35	85.1	10	.07	7.0	178	10.0	254	.84	.38	10 ft.	10 ft.	4663-1569	25.81
3-1/2	88.9	3.75	95.3	10	.07	7.0	178	10.0	254	1.01	.46	10 ft.	10 ft.	4663-1575	27.09
4	101.6	4.25	108.0	10	.07	7.0	178	12.0	305	1.15	.52	10 ft.	10 ft.	4663-1580	30.11
4-1/2	114.3	4.75	120.7	10	.07	7.0	178	12.0	305	1.25	.57	10 ft.	10 ft.	4663-1589	49.40
5	127.0	5.25	133.4	10	.07	6.0	152	12.0	305	1.38	.63	10 ft.	10 ft.	4663-1595	53.60
5-1/2	139.7	5.75	146.1	10	.07	6.0	152	12.0	305	1.51	.69	10 ft.	10 ft.	4663-3454	57.30
6	152.4	6.25	158.8	8	.06	6.0	152	15.0	381	1.64	.74	10 ft.	10 ft.	4663-1599	61.19

RECOMMENDED FOR: Heavy-duty heating and ventilating applications, such as air intake for butane conversion units, air and heater ducts, defroster lines, air cleaner connections to carburetor, exhaust ducts, vent lines for trailer sewers and drains. **NOTE:** Not recommended for conveying liquids.

TEMPERATURE: -30ºF to +250ºF (-34ºC to +121ºC) continuous service.

CONSTRUCTION:
Tube: Type A (Neoprene). Black. Oil and heat resistant.
Reinforcement: Single ply of synthetic fabric with two built-in helical wires.
Cover: Type A (Neoprene). Black. Oil and heat resistant.

HOSE ENDS: Plain End. Straight or Enlarged Ends on special order.

PACKAGING: 10' per carton.

BRANDING: Printed patch label every 2 feet with I.D. only.

SPECIAL ORDER REQUIREMENTS: Special production runs require minimum order quantities of one piece. Lengths can be as short as one foot, but minimum billing is ten feet.
For enlarged or straight ends, contact Denver Industrial Hose Marketing for pricing

REMNANT LENGTHS: None.

Due to continual product improvements, Gates reserves the right to alter specs and prices without prior notice.