

Air & Multi-Purpose Hose

Adapta Flex™ (BLACK) (Specification 3204EB/3204SB)



200psi Working Pressure

Nom. I.D.		Nom. O.D.		Maxi. W.P.		Suction		Min. Bend Radius		Kg. Per	Standard Pack	Part No.
(In.)	(mm)	(In.)	(mm)	(psi)	(Mpa)	(In. Hg)	(mm Hg)	(In.)	(mm)	(m.)	(m.)	
1/4	6.4	0.50	12.7	200	1.38	30.0	762	3.0	76	0.12	183	3204-1401
3/8	9.5	0.66	16.8	200	1.72	30.0	762	3.0	76	0.22	183	3204-1407
1/2	12.7	0.81	20.6	200	1.38	25.0	635	5.0	127	0.33	183	3204-1413
5/8	15.9	0.97	24.6	200	1.38	20.0	508	6.0	152	0.37	183	3204-1419
3/4	19.1	1.11	28.2	200	1.38	15.0	381	6.0	152	0.46	183	3204-1422
1	25.4	1.40	35.6	200	1.38	10.0	254	7.9	203	0.72	107	3204-1431

300psi Working Pressure

3/8	9.5	0.66	16.8	250	1.72	30.0	762	3.0	76	0.22	183	3204-1410
1/2	12.7	0.81	20.6	250	1.72	25.0	635	5.0	127	0.34	183	3204-1416
3/4	19.1	1.15	29.2	250	1.72	20.0	508	6.0	152	0.54	183	3204-1425
1 1/4	31.8	1.73	43.9	250	1.72	10.0	254	10.0	254	1.09	91	3204-1434
1 1/2	38.1	1.98	50.3	250	1.72	10.0	254	12.0	305	1.27	76	3204-1437

Recommended for:

Adapta Flex is the preferred hose choice for air and water applications requiring maximum flexibility.

Red and black cover hose are available in multiple size and pressure combinations while blue, green, and yellow cover versions come in the most popular sizes.

Adapta Flex offers outstanding resistance to heat and ozone. It is also excellent for use with dilute solutions of agricultural chemicals such as Lasso* and Roundup*.

Black cover is a stock item; please contact Gates Customer Service to enquire about other colours available.



Temperature: -40°C to +93°C continuous service.

Construction:

Tube: Type P (EPDM). Black.

Reinforcement: Synthetic, high tensile textile cord.

Cover: Type P (EPDM). Red, black, blue, green, and yellow. All sizes thru 1/2" are perforated.

Couplings: Gates GLX.

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

1/4" through 3/4": Packaged in 152m to 213m reels. Maximum 2 pieces in 15m increments.

1": Packaged in 91m to 121m reels. Maximum 2 pieces in 15m increments.

1 1/4": Packaged in 91m reels. Maximum 2 pieces in 15m increments.

1 1/2": Packaged in 76m reels. Maximum 2 pieces in 15m increments.

Branding: Gates continuous ink brand.

Example: Adapta Flex™ Multi-Purpose 3/8 Inch (9.5mm) 250 PSI (1.72MPa) WP Made In U.S.A.

Standards:

Tube: RMA (Class C) Limited oil resistance.

Cover: RMA (Class C) Limited oil resistance.

*Lasso and Roundup are registered trademarks of Dow Chemical.

Air & Multi-Purpose Hose

Duro Flex® (Specification 3200R)



Nom. I.D.		Nom. O.D.		Maxi. W.P.		Suction		Min. Bend Radius		Kg. Per	Standard Pack	Part No.
(In.)	(mm)	(In.)	(mm)	(psi)	(Mpa)	(In. Hg)	(mm Hg)	(In.)	(mm)	(m.)	(m.)	
1/4	6.4	0.50	12.7	250	1.72	30.0	762	2.0	51	0.15	152	3200-0002
3/8	9.5	0.66	16.8	250	1.72	30.0	762	3.0	76	0.21	152	3200-0006
1/2	12.7	0.81	20.6	250	1.72	25.0	635	4.0	102	0.28	182	3200-0008
5/8	15.9	0.98	24.9	300	2.07	20.0	508	5.0	127	0.42	182	3200-0011
3/4	19.1	1.15	29.2	250	1.72	20.0	508	5.0	127	0.51	182	3200-0012
1	25.4	1.47	37.3	250	1.72	10.0	254	7.9	203	0.88	121	3200-0014
1 1/4	31.8	1.73	43.9	250	1.72	10.0	254	10.0	254	1.10	91	3200-0015
1 1/2	38.1	1.98	50.3	250	1.72	10.0	254	12.0	305	1.28	76	3200-0016

Recommended for:

Cost effective Duro Flex features a specially compounded tube that make it ideal for applications requiring maximum flexibility combined with medium resistance to air, water, heat, and high viscosity oils.

For SAE oils intermittent contact only.

Temperature: -40°C to +93°C continuous service.

Construction:

Tube: Type B₁ (Specially compounded elastomer). Black.

Reinforcement: Synthetic, high tensile textile cord.

Cover: Type P (EPDM). Red. All sizes thru 1/2" have a perforated cover.

Couplings: Gates GLX.

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

1/4" through 3/4": Packaged in 152m to 213m reels. Maximum 2 pieces in 15m increments.

1": Packaged in 91m to 121m reels. Maximum 2 pieces in 15m increments.

1 1/4": Packaged in 91m reels. Maximum 2 pieces in 15m increments.

1 1/2": Packaged in 76m reels. Maximum 2 pieces in 15m increments.

Branding: Continuous ink brand.

Example:  Duro Flex® Multi-Purpose 3/8 Inch (9.5mm) 250 PSI (1.72MPa) WP Made In U.S.A.

Standards:

Tube: RMA (Class B) Medium oil resistance.

Air & Multi-Purpose Hose

319MB Gold Master (Specification 3619G/3619GL)



Nom. I.D.		Nom. O.D.		Maxi. W.P.		Suction		Min. Bend Radius		Kg. Per	Standard Pack	Part No.
(In.)	(mm)	(In.)	(mm)	(psi)	(Mpa)	(In. Hg)	(mm Hg)	(In.)	(mm)	(m.)	(m.)	
1/4	6.4	0.63	15.9	1000	6.90	30.0	762	3.0	76	0.36	76	3619-0200
3/8	9.5	0.77	19.6	1000	6.90	30.0	762	3.0	76	0.51	76	3619-0210
1/2	12.7	0.92	23.4	1000	6.90	30.0	762	5.0	127	0.67	76	3619-0220
3/4	19.1	1.21	30.7	1000	6.90	25.0	635	7.9	209	0.97	76	3619-0230
1	25.4	1.46	37.1	1000	6.90	25.0	635	11.0	279	1.24	15	3619-0239
1 1/4	31.8	1.69	42.9	1000	6.90	20.0	508	15.9	406	1.46	15	3619-0600
1 1/2	38.1	1.94	49.3	1000	6.90	15.0	381	17.9	457	1.58	15	3619-0620
2	50.8	2.46	62.5	1000	6.90	10.0	254	25.0	635	2.24	15	3619-0630

Recommended for:

319MB is ideal for High-pressure water and oil applications requiring good kink resistance and excellent flexibility. 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.

NOTE: Air service working pressure is 300psi for all sizes.

Temperature: -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: Gates MegaCrimp.

Packaging:

1" through 2": 15m length coiled in a carton.

1/4" through 3/4": Packaged in 60m to 91m reels.

Maximum of 3 pieces. Minimum length 7m.

One length under 30m.

Branding: Continuous transfer label.

Example:  319MB Gold Master® Multi-Purpose 3/8" (9.5mm)

1000 PSI (6.90MPa) WP Made In U.S.A.

Standards:

Tube: RMA (Class B) Medium oil resistance.

Cover: RMA (Class B) Medium oil resistance.

Air & Multi-Purpose Hose

Lock-On-Hose LOL Plus (Specification 3284D, E, G,H R, Y)



Black Cover

Nom. I.D.	Nom. O.D.	Maxi. W.P.	Suction	Min. Bend Radius	Kg. Per	Standard Pack	Part No.	Icons				
								(In.)	(mm)	(psi)	(Mpa)	(In. Hg)
1/4	6.4	0.47	11.9	300	2.07	27.9	711	3.0	76	0.13	145	3284-2501
3/8	9.5	0.63	15.9	300	2.07	27.9	711	3.0	76	0.16	91	3284-2503
1/2	12.7	0.77	19.6	300	2.07	27.9	711	5.0	127	0.23	91	3284-2504
5/8	15.9	0.94	23.9	300	2.07	27.9	711	6.0	152	0.30	76	3284-2505
3/4	19.1	1.06	26.9	300	2.07	15.0	381	7.0	178	0.36	68	3284-2506

Black Cover

1/4	6.4	0.47	11.9	300	2.07	27.9	711	3.0	76	0.13	145	3284-2511
3/8	9.5	0.63	15.9	300	2.07	27.9	711	3.0	76	0.16	91	3284-2513
1/2	12.7	0.77	19.6	300	2.07	27.9	711	5.0	127	0.23	91	3284-2515
5/8	15.9	0.94	23.9	300	2.07	27.9	711	6.0	152	0.30	76	3284-2517
3/4	19.1	1.06	26.9	300	2.07	15.0	381	7.0	178	0.36	68	3284-2519

Recommended for:

When matched with push-lock style couplings, LOL Plus hose is an outstanding performer for a wide range of low pressure transfer applications including petroleum-base hydraulic oils, water, glycol antifreeze solutions, hot lubricating oils, and air.

NOTE: Lock-on hose and couplings are not recommended for pressure surge applications or critical applications such as permanent piping in residential or commercial buildings. Not recommended for petrol or diesel fuel applications.

Black & Blue covers are stock items; please contact Gates Customer Service to enquire about other colours available.

Temperature: -40°C to +100°C normal service. For temperatures exceeding 70°C use hose clamps.



Construction:

Tube: Type C (Nitrile). Black. RMA (Class A) high oil resistance.

Reinforcement: Braided, high tensile synthetic textile cord.

Cover: Type C₂ (Modified Nitrile). Blue, Red, Yellow, Green, or Gray. Type A (Neoprene) Black.

Couplings: Gates GLX, Gates Lock-on Couplings (Note: Do not use clamps with Lock-On fittings or clamp over beaded nipple).

Packaging: Maximum of three pieces per reel, minimum length 15m.

1/4" thru 1/2": 91m reels

5/8": 76m reels

3/4": 68m reels

Branding: Continuous ink brand.

Example: LOL PLUS 12LOLA+ 3/4 INCH 300 PSI WP FLAME RESISTANT COVER Made in U.S.A.

Standards:

Tube: RMA (Class A) High oil resistance.

Cover: RMA (Class A) High oil resistance. Flame-resistant.

GATES VALUE POINT: LOCK-ON HOSE

Gates LOL Plus is designed to accommodate lock-on fittings. When pressurised, the lock-on hose firmly grips the push-on fitting to establish a tight, permanent, positive seal. Lock-on hose eliminates the need for ferrules or clamps in the fabrication of hose assemblies and facilitates fast, effective assembly, installation, and/or repair in the field.

Air & Multi-Purpose Hose

PREMOFLEX® (Specification 3205R)



250psi Working Pressure

Nom. I.D.		Nom. O.D.		Maxi. W.P.		Suction		Min. Bend Radius		Kg. Per	Standard Pack	Part No.
						(In. Hg)	(mm Hg)					
(In.)	(mm)	(In.)	(mm)	(psi)	(Mpa)	(In. Hg)	(mm Hg)	(In.)	(mm)	(m.)	(m.)	
1/4	6.4	0.50	12.7	250	1.72	30.0	762	2.0	51	0.16	183	3205-0015
5/16	7.9	0.56	14.2	250	1.72	30.0	762	2.0	51	0.15	183	3205-0020
3/8	9.5	0.66	16.8	250	1.72	30.0	762	3.0	76	0.25	183	3205-0025
1/2	12.7	0.85	21.6	250	1.72	25.0	635	4.0	102	0.36	183	3205-0030
3/4	19.1	1.15	29.2	250	1.72	20.0	508	5.0	127	0.60	183	3205-0040
1	25.4	1.47	37.3	250	1.72	10.0	254	7.9	203	0.86	107	3205-0046
1 1/4	31.8	1.75	44.5	250	1.72	10.0	254	10.0	254	1.07	91	3205-0049
1 1/2	38.1	2.00	50.8	250	1.72	10.0	254	12.0	305	1.27	76	3205-0055

315psi Working Pressure

3/16	4.8	0.43	10.9	500	3.45	30.0	762	3.0	76	0.10	191	3219-2901
1/4	6.4	0.57	14.5	315	2.17	30.0	762	2.0	51	0.18	183	3205-0016
3/8	9.5	0.73	18.5	315	2.17	30.0	762	3.0	76	0.27	183	3205-0026
1/2	12.7	0.88	22.4	315	2.17	25.0	635	4.0	102	0.42	183	3205-0031
5/8	15.9	0.98	24.9	315	2.17	20.0	508	5.0	127	0.39	183	3205-0036
3/4	19.1	1.19	30.2	315	2.17	20.0	508	5.0	127	0.58	183	3205-0041

Recommended for:

PremoFlex is the perfect choice for multiple applications requiring a highly flexible, cost-effective hose with maximum resistance to petroleum oils, kerosene, and fuel oil (to 49°C), and lubricating oils (to 100°C).

PremoFlex can be used for transferring petrol or diesel fuels. It is also suitable for air and water applications, offers excellent weather and ozone resistance, and is nonconductive at 1000 volts D.C.

Temperature: -40°C to +100°C continuous service.

Construction:

Tube: Type C (Nitrile). Black.

Reinforcement: Synthetic, high tensile textile cord.

Cover: Type C₂ (Modified Nitrile). Red.

Couplings: Gates GLX.

Packaging: All on reels, maximum two pieces in 15m increments.

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

3/16" thru 3/4": 152m to 213m reels

1": 91m to 121m reels

1 1/4": 91m reels

1 1/2": 76m reels

Branding: Continuous ink brand.

Example: Premo Flex® Multi-Purpose 3/8

Inch(9.5mm) 250 PSI (1.72MPa) WP NONCONDUCTIVE

@1000V D.C.— (1 MEGOHM/IN.) Made In U.S.A.

Standards:

Tube: RMA (Class A) High oil resistance.

Cover: RMA (Class B) Medium oil resistance.

Mil-H-2815G Section 3.12.2 off-gassing for breathing applications such as supplied air respirators, 3/16" through 3/8", 3/4" and 1" I.D.'s.

Nonconductive at 1000 volts D.C. Meets electrical resistance of one mega ohm per inch when subjected to 1000 volts D.C. Storage and use may adversely affect electrical properties.

Air & Multi-Purpose Hose

Terminator® (Specification 3202T/3202TW)



Nom. I.D.		Nom. O.D.		Maxi. W.P.		Suction		Min. Bend Radius		Kg. Per	Standard Pack	Part No.
(In.)	(mm)	(In.)	(mm)	(psi)	(Mpa)	(In. Hg)	(mm Hg)	(In.)	(mm)	(m.)	(m.)	
1/4	6.4	0.57	14.5	501	3.45	30.0	762	3.0	76	0.16	183	3202-0001
3/8	9.5	0.75	19.1	501	3.45	25.0	635	3.0	76	0.30	183	3202-0006
1/2	12.7	0.89	22.6	501	3.45	25.0	635	5.0	127	0.36	183	3202-0011
3/4	19.1	1.22	31.0	501	3.45	15.0	381	6.0	152	0.62	183	3202-0016
1	25.4	1.51	38.4	501	3.45	10.0	254	7.9	203	0.85	107	3202-0021
1 1/4	31.8	1.78	45.2	501	3.45	10.0	254	10.0	254	1.08	107	3202-0027
1 1/2	38.1	2.09	53.1	501	3.45	10.0	254	12.0	305	1.44	30	3202-0029
2	50.8	2.64	67.1	501	3.45	10.0	254	14.0	356	2.00	30	3202-0032

Recommended for:

Terminator is one tough hose with a rugged cover for outstanding abrasion resistance and extended service life where constant flexing and bending is required.

This top-of-the-line premium oil-resistant hose is designed for applications involving air, oil, and water. As well as grease sprays, paraffin waxes, salt solutions, and a variety of chemicals. It offers excellent durability for extra long life in mining, air drill, construction, poultry plants, abattoirs, quarries, shipyards, food processing, railroads, and other severe service environments.

Excellent weather and ozone resistance, and nonconductive at 1000 volts D.C.

Temperature: -40°C to +100°C continuous service.

Construction:

Tube: Type C (Nitrile). Black. RMA (Class A) high oil resistance.

Reinforcement: Synthetic, high tensile textile cord.

Cover: Type C₄ (Carboxylated Nitrile). Yellow.

Couplings: Gates MegaCrimp or Gates GLX.

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

1/4" thru 3/4": 152m to 213m reels, maximum two pieces in 15m increments

1" and 1 1/4": 106m reels, maximum three pieces, minimum length 15m

1 1/2" and 2": Packaged 30m coiled and wrapped in polyethylene.

Branding: Continuous ink brand. Example: GATES® TERMINATOR® 501 PSI (3.45MPa) WP 3/4 Inch (19.1mm) Flame Resistant, MSHA 2G-IC-11C Made in U.S.A.

Standards:

Tube: RMA (Class A) High oil resistance.

Cover: RMA (Class A) High oil resistance. Meets MSHA 30 CFR 18.65. Flame-resistant. All sizes except 1-1/2" and 2" are nonconductive at 1000 volts D.C. Electrical resistance is greater than one mega ohm per inch when subjected to 1000 volts D.C. Storage and use may adversely affect electrical properties.

GATES VALUE POINT: CARBOXYLATED NITRILE

This specially compounded elastomer offers the same oil resistance as more commonly used Modified Nitrile covers, but does it while offering substantially improved abrasion capability. In tests, this cover material has demonstrated up to 10 times the durability of other hose products including those with Modified Nitrile or EPDM covers. Terminator is made with this material, and you'll find it to be an extremely versatile, long lasting product.

GATES VALUE POINT: MULTI-PURPOSE CAPABILITY

While many hoses carry the moniker "General Purpose" or "Multi-Purpose", few really offer the versatility of products such as Terminator. This hose is constructed to handle high working pressures and severe working conditions, as well as having the capability to truly "multi-task" – gasoline, petroleum oils, kerosene, fuel oil, air, and water are just a few of the materials which can be conveyed by this product.

If you want one hose that "does it all," take a look at this product.