



## Air and Multi-Purpose Hose

## Premo Flex® (Specification 3205R)

### Standard Reel Packaging

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)				
3/16	4.8	.45	11.2	250	1.72	30.0	762	2.0	51	.07	.03	Reel	25,000 ft.	3205-0010	
1/4	6.4	.50	12.7	250	1.72	30.0	762	2.0	51	.09	.04	Reel	X	3205-0015	
1/4	6.4	.57	14.5	315	2.17	30.0	762	2.0	51	.12	.05	Reel	X	3205-0016	
5/16	7.9	.56	14.2	250	1.72	30.0	762	2.0	51	.11	.05	Reel	25,000 ft.	3205-0020	
5/16	7.9	.67	17.0	315	2.17	30.0	762	2.0	51	.16	.07	Reel	25,000 ft.	3205-0021	
3/8	9.5	.66	16.8	250	1.72	30.0	762	3.0	76	.17	.08	Reel	X	3205-0025	
3/8	9.5	.73	18.5	315	2.17	30.0	762	3.0	76	.18	.08	Reel	X	3205-0026	
1/2	12.7	.85	21.6	250	1.72	25.0	635	4.0	102	.22	.10	Reel	X	3205-0030	
1/2	12.7	.88	22.4	315	2.17	25.0	635	4.0	102	.28	.13	Reel	X	3205-0031	
5/8	15.9	.98	24.9	250	1.72	20.0	508	5.0	127	.27	.12	Reel	25,000 ft.	3205-0035	
5/8	15.9	.98	24.9	315	2.17	20.0	508	5.0	127	.26	.12	Reel	X	3205-0036	
3/4	19.1	1.15	29.2	250	1.72	20.0	508	5.0	127	.36	.16	Reel	X	3205-0040	
3/4	19.1	1.19	30.2	315	2.17	20.0	508	5.0	127	.40	.18	Reel	X	3205-0041	
3/4	19.1	1.15	29.2	250	1.72	20.0	508	5.0	127	.36	.16	50 ft. Reel	25,000 ft.	3205-5040	
1	25.4	1.47	37.3	250	1.72	10.0	254	8.0	203	.54	.25	Reel	X	3205-0046	
1 1/4	31.8	1.75	44.5	250	1.72	10.0	254	10.0	254	.67	.30	Reel	X	3205-0049	
1 1/2	38.1	2.00	50.8	250	1.72	10.0	254	12.0	305	.85	.39	Reel	X	3205-0055	

### Exact Length 500 Foot One Piece Reels

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)				
1/4	6.4	.50	12.7	250	1.72	30.0	762	2.0	51	.09	.04	Reel	X	3205-0215	
1/4	6.4	.57	14.5	315	2.17	30.0	762	2.0	51	.12	.05	Reel	X	3205-0216	
3/8	9.5	.66	16.8	250	1.72	30.0	762	3.0	76	.14	.06	Reel	X	3205-0225	
3/8	9.5	.73	18.5	215	2.17	30.0	762	3.0	76	.18	.08	Reel	X	3205-0226	
1/2	12.7	.85	21.6	250	1.72	25.0	635	4.0	102	.22	.10	Reel	X	3205-0230	
1/2	12.7	.88	22.4	315	2.17	25.0	635	4.0	102	.24	.11	Reel	X	3205-0231	
5/8	15.9	.98	24.9	250	1.72	20.0	508	5.0	127	.27	.12	Reel	X	3205-0235	
5/8	15.9	.98	24.9	215	2.17	20.0	508	5.0	127	.27	.12	Reel	X	3205-0236	
3/4	19.1	1.15	29.2	250	1.72	20.0	508	5.0	127	.36	.16	Reel	X	3205-0240	
3/4	19.1	1.19	30.2	315	2.17	20.0	508	5.0	127	.40	.18	Reel	X	3205-0241	

**RECOMMENDED FOR:** Applications requiring a premium grade spiral hose with excellent flexibility and maximum resistance to air, water, petroleum oils and lubricating oils, (to 212°F). Recommended for gasoline, kerosene and fuel oil transfer only (to 120°F). Excellent weather and ozone resistance. Approved for breathing applications such as supplied air respirators.

**TEMPERATURE:** -40°F to +212°F (-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.  
**Design Factor:** 4:1

**COUPLINGS:** 19 (up through 1/2" only), 3 or 4, (up through 1/2" with 20 ferrules, up through 1" with bands), 1, 8, 14, 15, 72 Gates Power Crimp®, 75 Gates GLX® or 82 Gates SS (1/4", 3/8", 1/2", 3/4" or 1" only). Reference the Hose Coupling Section.

**PACKAGING:** Exact length reels: 500' in one continuous length.  
Minimum of 90% of standard packaged hose reels will be 1-piece lengths.  
3/16" 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.  
1": Packaged in 300' to 400' reels. Maximum 2 pieces in 50' increments.  
1 1/4": Packaged in 250' to 350' reels. Maximum 3 pieces in 25' increments. Minimum length 50'.  
1 1/2": Packaged in 200' to 300' reels. Maximum 3 pieces in 25' increments. Minimum length 50'.

**BRANDING:** Continuous ink brand. Example: "GATES® PREMO FLEX® MULTI-PURPOSE 3/8 INCH (9.5mm) 250 PSI (1.72MPa) WP NONCONDUCTIVE @1000V DC (>1 MEGOHM/IN.) MADE IN USA"

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

**REMNANT LENGTHS:** None.

**STANDARDS:** Nonconductive at 1000 volts D.C. Electrical resistance is greater than one megohm per inch when subjected to 1000 volts D.C. Storage and use may adversely affect electrical properties.

**Tube:** ARPM (Class A) High oil resistance.  
**Cover:** ARPM (Class B) Medium oil resistance.



## Air and Multi-Purpose Hose

# Adapta Flex™ Black

(Specification 3204EB, 3204SB)

### Standard Reel Packaging

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)				
1/4	6.4	.50	12.7	200	1.38	30.0	762	3.0	76	.09	.04	Reel	X	3204-1401	
1/4	6.4	.50	12.7	250	1.72	30.0	762	3.0	76	.08	.04	Reel	25,000 ft.	3204-1404	
1/4	6.4	.62	15.8	250	1.72	30.0	762	3.0	76	.08	.04	Reel	25,000 ft.	3204-1406	
3/8	9.5	.66	16.8	200	1.38	30.0	762	3.0	76	.14	.06	Reel	X	3204-1407	
3/8	9.5	.66	16.8	250	1.72	30.0	762	3.0	76	.14	.06	Reel	X	3204-1410	
1/2	12.7	.81	20.6	200	1.38	25.0	635	5.0	127	.20	.09	Reel	X	3204-1413	
1/2	12.7	.81	20.6	250	1.72	25.0	635	5.0	127	.19	.09	Reel	X	3204-1416	
5/8	15.9	.97	24.6	200	1.38	20.0	508	6.0	152	.26	.12	Reel	X	3204-1419	
3/4	19.1	1.11	28.2	200	1.38	15.0	381	6.0	152	.31	.14	Reel	X	3204-1422	
3/4	19.1	1.15	29.2	250	1.72	20.0	508	6.0	152	.35	.16	Reel	X	3204-1425	
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	25.4	1.40	35.6	150	1.03	10.0	254	8.0	203	.48	.22	Reel	X	3204-1428	
1 1/4	31.8	1.73	43.9	250	1.72	10.0	254	10.0	254	.68	.31	Reel	X	3204-1434	
1 1/2	38.1	1.98	50.3	250	1.72	10.0	254	12.0	305	.85	.39	Reel	X	3204-1437	

### Exact Length 500 Foot One Piece Reels

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)				
1/4	6.4	.50	12.7	200	1.38	30.0	762	3.0	76	.09	.04	Reel	500 ft.	3204-4402	
3/8	9.5	.66	16.8	200	1.38	30.0	762	3.0	76	.14	.06	Reel	500 ft.	3204-4407	
3/8	9.5	.66	16.8	250	1.72	30.0	762	3.0	76	.14	.06	Reel	500 ft.	3204-4431	
1/2	12.7	.81	20.6	200	1.38	25.0	635	5.0	127	.20	.09	Reel	500 ft.	3204-4413	
1/2	12.7	.81	20.6	250	1.72	25.0	635	5.0	127	.19	.09	Reel	500 ft.	3204-4432	
3/4	19.1	1.11	28.2	200	1.38	15.0	381	6.0	152	.31	.14	Reel	500 ft.	3204-4422	
3/4	19.1	1.15	29.2	250	1.72	20.0	508	6.0	152	.35	.16	Reel	500 ft.	3204-4433	

### Adapta Flex™ Black Cover Assemblies

Nom. I.D.	⊖	Nom. O.D.	⊕	Max. W.P.	⊕	Suction	⊕	Min. Bend Radius	⊕	Wt. Per Ea.	⊕	Standard Pack	Stock (X) or Minimum Order Qty.	Gates Item No.	List Price Per Ea.
(In.)	(mm)	(In.)	(mm)	(psi)	(MPa)	(In. Hg)	(mm Hg)	(In.)	(mm)	(Lbs.)	(Kg)				
3/8	9.5	.66	16.8	250	1.72	30.0	762	3.0	76	7.43	3.38	50 ft.	8 ea. (X)	3204-1721	

**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.

**CONSTRUCTION:** Tube: Type P (EPDM). Black.  
Reinforcement: Synthetic, high tensile textile cord.  
Cover: Type P (EPDM). Black. All sizes through 1/2" are perforated.  
Design Factor: 3:1

**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 the Hose Coupling Section.

**PACKAGING:** Exact length reels: 500' in one continuous length.  
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.  
3/8" x 50' coupled assemblies: Coiled in a carton, 5 assemblies per carton.  
3/4" x 50': Packaged 200' per carton, each length coiled and tied.  
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.

**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: ARPM (Class C) Limited oil resistance.  
Cover: ARPM (Class C) Limited oil resistance.



## Material Handling Hose

## 429W (Sand Blast)

(Specification 4129A)

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)				
1/2	12.7	1.23	31.2	150	1.03	25.0	635	5.0	127	.55	.25	50 ft.	X	4129-0085	
3/4	19.1	1.50	38.1	150	1.03	15.0	381	8.0	203	.70	.32	50 ft.	X	4129-0086	
1	25.4	1.87	47.5	150	1.03	5.0	127	12.0	305	.96	.44	50 ft.	X	4129-0100	
1	25.4	1.63	41.4	150	1.03	5.0	127	12.0	305	.70	.32	50 ft.	X	4129-0256	
1 1/4	31.8	2.16	54.9	150	1.03	5.0	127	12.0	305	1.12	.51	50 ft.	X	4129-0105	
1 1/2	38.1	2.37	60.2	135	.93	5.0	127	18.0	457	1.56	.71	50 ft.	X	4129-0150	
2	50.8	2.94	74.7	120	.83	5.0	127	20.0	508	2.00	.91	50 ft.	X	4129-0200	

**RECOMMENDED FOR:** Sand, shot blasting work and wherever **abrasive materials** are carried at high velocity.

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

**CONSTRUCTION:**  
**Tube:** Type D3 (Natural Rubber). Black. Static conductive.  
**Reinforcement:** Synthetic, high tensile textile.  
**Cover:** Type D (SBR). Black with yellow spiral stripe. All sizes are perforated.  
**Design Factor:** 4:1

**COUPLINGS:** 36. Reference **the Hose Coupling Section.**

**PACKAGING:** 50' length coiled and wrapped in polyethylene.

**BRANDING:** Continuous transfer label. Example: "GATES® 429W Sandblast 150 PSI (1.03MPa) WP Made In Mexico"

**SPECIAL ORDER REQUIREMENTS:** All sizes are wrapped construction, 50 foot maximum length. Special production runs require minimum order quantities of 600 feet per size. If a special transfer label is required, contact Gates Corporation for minimum quantity.

**REMNANT LENGTHS:** None.



## Mining Hose

# 500 MP Air Drill

(Specification 3618, 3618Y)

### Black Cover (3618)

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	1.11	28.2	500	3.45	25.0	635	6.0	152	.41	.19	100 ft.	X	3618-0801	
1	25.4	1.45	36.6	500	3.45	25.0	635	8.0	203	.66	.30	100 ft.	X	3618-0802	
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	
1 1/2	38.1	1.99	50.6	500	3.45	15.0	381	12.0	305	1.00	.45	100 ft.	X	3618-0804	
2	50.8	2.50	63.5	500	3.45	15.0	381	14.0	356	1.39	.63	100 ft.	X	3618-0805	
2 1/2	63.5	3.14	79.8	500	3.45	10.0	254	30.0	762	2.15	.98	100 ft.	X	3618-0806	
3	76.2	3.67	93.2	500	3.45	10.0	254	36.0	914	2.77	1.26	100 ft.	X	3618-0807	

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

### Yellow Cover (3618Y)

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	1.11	28.2	500	3.45	25.0	635	6.0	152	.41	.19	100 ft.	X	3618-0808	
1	25.4	1.45	36.6	500	3.45	25.0	635	8.0	203	.65	.30	100 ft.	X	3618-0809	
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	
1 1/2	38.1	1.99	50.6	500	3.45	15.0	381	12.0	305	1.00	.45	100 ft.	X	3618-0811	
2	50.8	2.50	63.5	500	3.45	15.0	381	14.0	356	1.39	.63	100 ft.	X	3618-0812	
2 1/2	63.5	3.14	79.8	500	3.45	10.0	254	30.0	762	2.15	.98	100 ft.	X	3618-0813	
3	76.2	3.67	93.2	500	3.45	10.0	254	36.0	914	2.77	1.26	100 ft.	X	3618-0814	

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

**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 C2 (Modified Nitrile). Yellow with black spiral stripe. All sizes are perforated.  
 Type D3 (Natural Rubber). Black with yellow spiral stripe. All sizes are perforated.  
**Design Factor:** 4:1

**COUPLINGS:** 14, 15, 18, 35 or 80 Gates GSP (1 1/2" or 2" only). Reference the Hose Coupling Section.

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



## Petroleum Transfer Hose

**Longhorn®**  
(Specification 4688CC, 4688DC)

### Smooth Cover (4688CC)

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	1.50	38.1	150	1.03	30.0	762	3.0	76	.54	.25	100 ft.	X	4688-1305	
1	25.4	1.50	38.1	150	1.03	30.0	762	3.0	76	.54	.25	200 ft.	X	4688-0454	
1 1/4	31.8	1.75	44.5	150	1.03	30.0	762	4.0	102	.71	.32	100 ft.	X	4688-1306	
1 1/2	38.1	2.02	51.3	150	1.03	30.0	762	4.0	102	1.05	.48	100 ft.	X	4688-1307	
1 1/2	38.1	2.02	51.3	150	1.03	30.0	762	4.0	102	1.05	.48	200 ft.	X	4688-1493	
2	50.8	2.52	64.0	150	1.03	30.0	762	6.0	152	1.34	.61	100 ft.	X	4688-1308	
2	50.8	2.52	64.0	150	1.03	30.0	762	6.0	152	1.34	.61	200 ft.	X	4688-1342	
2 1/2	63.5	3.05	77.5	150	1.03	30.0	762	8.0	203	1.76	.80	100 ft.	X	4688-1309	
2 1/2	63.5	3.05	77.5	150	1.03	30.0	762	8.0	203	1.76	.80	200 ft.	X	4688-0455	
3	76.2	3.53	90.9	150	1.03	30.0	762	9.0	229	2.40	1.09	100 ft.	X	4688-1310	
3	76.2	3.53	90.9	150	1.03	30.0	762	9.0	229	2.40	1.09	200 ft.	X	4688-1343	
4	101.6	4.62	117.4	150	1.03	30.0	762	12.0	305	3.29	1.50	100 ft.	X	4688-1311	
4	101.6	4.62	117.4	150	1.03	30.0	762	12.0	305	3.29	1.50	200 ft.	X	4688-1344	
6	152.4	6.87	174.5	150	1.03	30.0	762	17.0	432	5.91	2.68	100 ft.	X	4688-1465	

### Corrugated Cover (4688DC)

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	2.52	64.0	150	1.03	30.0	762	5.0	127	1.08	.49	100 ft.	X	4688-1351	
3	76.2	3.53	90.9	150	1.03	30.0	762	8.0	203	2.67	1.21	100 ft.	X	4688-1352	
4	101.6	4.64	117.9	150	1.03	30.0	762	11.0	279	3.14	1.43	100 ft.	X	4688-1353	
6	152.4	6.87	174.5	150	1.03	30.0	762	17.0	432	7.51	3.41	50 ft.	X	4688-1355	
6	152.4	6.87	174.5	150	1.03	30.0	762	17.0	432	5.91	2.68	100 ft.	X	4688-1612	
6	152.4	6.87	174.5	150	1.03	30.0	762	17.0	432	5.91	2.68	200 ft.	X	4688-1362	

**RECOMMENDED FOR:** Transfer of refined fuels (commercial gasoline and diesel fuel), oils and other petroleum products. Ideal for oilfield service truck use.

**CAUTION:** Service life of transfer hoses can be extended by draining hoses after use. For bio-diesel and other alternative fuel applications, see Longhorn® AF. Petroleum transfer hoses may be used with all grades of bio-diesel only if the exposure is intermittent and the hose is drained between uses.

**TEMPERATURE:** -40°F to +180°F (-40°C to +82°C). Warning: Do not convey fuels over 120°F (+49°C).

**CONSTRUCTION:**  
**Tube:** Type C (Nitrile). Black.  
**Reinforcement:** Synthetic, high tensile textile with steel wire helix.  
**Cover:** Type A (Neoprene). Black with red spiral stripe.  
**Design Factor:** 4:1

**COUPLINGS:** 7, 26, 49 or 78. (for ambient temperatures only). Reference the Hose Coupling Section.

**PACKAGING:** All lengths coiled and wrapped in polyethylene.

**BRANDING:** Continuous transfer label. Example: "GATES® Longhorn® Petroleum Transfer 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.

**STANDARDS:** **Tube:** ARPM (Class A) High oil resistance.



**Petroleum Transfer Hose**

**Sea Horse® HW  
(Fuel Transfer Suction/  
Discharge - Hardwall)**

(Specification 4688SS)

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	2.78	70.6	300	2.07	30.0	762	10.0	254	1.60	.73	200 ft.	X	4688-0584	
3	76.2	3.86	98.0	300	2.07	30.0	762	18.0	457	2.59	1.18	200 ft.	X	4688-0585	
4	101.6	4.87	123.7	300	2.07	30.0	762	24.0	610	3.52	1.60	200 ft.	X	4688-0587	
6	152.4	7.07	179.6	200	1.38	30.0	762	36.0	914	5.00	2.27	100 ft.	X	4688-0589	
6	152.4	7.07	179.6	200	1.38	30.0	762	36.0	914	7.95	3.61	200 ft.	X	4688-0588	

**RECOMMENDED FOR:** Transfer of refined fuels (commercial gasoline and diesel fuel) oils and other petroleum products. Ideal for offshore/onshore transfer applications involving suction and discharge service for diesel oils and other similar petroleum products where an extremely lightweight, hardwall, flexible hose with a high rated working pressure and a small minimum bend radius is required. Transfer of water, petroleum based fluids, dilute acids, chemicals and abrasive slurries used in oil and gas well stimulation and fracturing.

**CAUTION:** For bio-diesel and other alternative fuel applications, see Longhorn® AF. Petroleum transfer hoses may be used with all grades of bio-diesel only if the exposure is intermittent and the hose is drained between uses. Transfer hoses are designed for intermittent contact with refined fuels and must be drained after use. Do not convey fuels over 120° F (+49°C).

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

**CONSTRUCTION:**  
**Tube:** Type C (Nitrile). Black.  
**Reinforcement:** Synthetic, high tensile textile with steel wire helix.  
**Cover:** Type A (Neoprene). Black with red spiral stripe.  
**Design Factor:** 4:1

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

**PACKAGING:** All lengths coiled and wrapped in polyethylene.

**BRANDING:** Continuous transfer label. Example: "GATES® SEA HORSE® HW Hardwall Fuel Transfer 300 PSI (2.07MPa) 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:** ARPM (Class A) High oil resistance.