



Petroleum Transfer Hose

Fuel Oil Delivery

(Specification 3221FR)

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	200	1.38	10.0	254	8.0	203	.58	.26	100 ft.	X	3221-0410	
1	25.4	1.50	38.1	200	1.38	10.0	254	8.0	203	.58	.26	125 ft.	X	3221-0411	
1	25.4	1.50	38.1	200	1.38	10.0	254	8.0	203	.58	.26	150 ft.	X	3221-0412	
1	25.4	1.50	38.1	200	1.38	10.0	254	8.0	203	.58	.26	175 ft.	X	3221-0413	
1 1/4	31.8	1.75	44.5	200	1.38	10.0	254	10.0	254	.75	.34	100 ft.	X	3221-0414	
1 1/4	31.8	1.75	44.5	200	1.38	10.0	254	10.0	254	.75	.34	125 ft.	X	3221-0415	
1 1/4	31.8	1.75	44.5	200	1.38	10.0	254	10.0	254	.75	.34	150 ft.	X	3221-0416	
1 1/4	31.8	1.75	44.5	200	1.38	10.0	254	10.0	254	.75	.34	175 ft.	X	3221-0417	
1 3/8	34.9	1.87	47.5	200	1.38	10.0	254	10.0	254	.86	.39	100 ft.	X	3221-0418	
1 3/8	34.9	1.87	47.5	200	1.38	10.0	254	10.0	254	.86	.39	125 ft.	X	3221-0419	
1 3/8	34.9	1.87	47.5	200	1.38	10.0	254	10.0	254	.86	.39	150 ft.	X	3221-0420	
1 3/8	34.9	1.87	47.5	200	1.38	10.0	254	10.0	254	.86	.39	175 ft.	X	3221-0421	
1 1/2	38.1	2.08	52.8	200	1.38	10.0	254	12.0	305	.95	.43	100 ft.	X	3221-0422	
1 1/2	38.1	2.08	52.8	200	1.38	10.0	254	12.0	305	.95	.43	125 ft.	X	3221-0423	
1 1/2	38.1	2.08	52.8	200	1.38	10.0	254	12.0	305	.95	.43	150 ft.	X	3221-0424	
1 1/2	38.1	2.08	52.8	200	1.38	10.0	254	12.0	305	.95	.43	175 ft.	X	3221-0425	
1 1/2	38.1	2.08	52.8	200	1.38	10.0	254	12.0	305	.95	.43	200 ft.	X	3221-0426	

Fuel Oil Delivery Assemblies (Coupled with Internal Expansion Fittings Male/Female Swivel)

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)				
1	25.4	1.50	38.1	200	1.38	10.0	254	8.0	203	64.20	29.18	100 ft. cpld	1 ea.	3221-0075	
1	25.4	1.50	38.1	200	1.38	10.0	254	8.0	203	75.50	34.32	125 ft. cpld	1 ea.	3221-0076	
1	25.4	1.50	38.1	200	1.38	10.0	254	8.0	203	90.00	40.91	150 ft. cpld	1 ea.	3221-0077	
1	25.4	1.50	38.1	200	1.38	10.0	254	8.0	203	104.50	47.50	175 ft. cpld	1 ea.	3221-0078	
1 1/4	31.8	1.75	44.5	200	1.38	10.0	254	10.0	254	79.00	35.91	100 ft. cpld	1 ea.	3221-0079	
1 1/4	31.8	1.75	44.5	200	1.38	10.0	254	10.0	254	115.00	52.27	125 ft. cpld	1 ea.	3221-0080	
1 1/4	31.8	1.75	44.5	200	1.38	10.0	254	10.0	254	121.00	55.00	150 ft. cpld	1 ea.	3221-0081	
1 1/4	31.8	1.75	44.5	200	1.38	10.0	254	10.0	254	135.25	61.48	175 ft. cpld	1 ea.	3221-0082	
1 3/8	34.9	1.87	47.5	200	1.38	10.0	254	10.0	254	84.00	38.18	100 ft. cpld	1 ea.	3221-0083	
1 3/8	34.9	1.87	47.5	200	1.38	10.0	254	10.0	254	104.00	47.27	125 ft. cpld	1 ea.	3221-0084	
1 3/8	34.9	1.87	47.5	200	1.38	10.0	254	10.0	254	137.10	62.32	150 ft. cpld	1 ea.	3221-0085	
1 3/8	34.9	1.87	47.5	200	1.38	10.0	254	10.0	254	140.50	63.86	175 ft. cpld	1 ea.	3221-0086	
1 1/2	38.1	2.08	52.8	200	1.38	10.0	254	12.0	305	100.00	45.45	100 ft. cpld	1 ea.	3221-0087	
1 1/2	38.1	2.08	52.8	200	1.38	10.0	254	12.0	305	123.75	56.25	125 ft. cpld	1 ea.	3221-0088	
1 1/2	38.1	2.08	52.8	200	1.38	10.0	254	12.0	305	135.00	61.36	150 ft. cpld	1 ea.	3221-0089	
1 1/2	38.1	2.08	52.8	200	1.38	10.0	254	12.0	305	171.25	77.84	175 ft. cpld	1 ea.	3221-0090	
1 1/2	38.1	2.08	52.8	200	1.38	10.0	254	12.0	305	195.00	88.64	200 ft. cpld	1 ea.	3221-0095	

RECOMMENDED FOR: Transferring fuel oils, diesel fuel or commercial gasolines in applications at temperatures as low as -40°F (-40°C). Compatible with bio-diesel fuels up to B20. Hose remains flexible to -20°F (-29°C). For home and heavy-duty commercial service where an abrasion resistant and non-marking cover is required.

TEMPERATURE: -40°F to +180°F (-29°C to +82°C) continuous service. NOTE: Gasoline is normally conveyed below 120°F (+49°C).

CONSTRUCTION: **Tube:** Type C (Nitrile). Black.
Reinforcement: High tensile synthetic textile cord.
Cover: Type C4 (Carboxylated Nitrile). Red. Abrasion resistant and non-marking.
Design Factor: 4:1

COUPLINGS: 26 or 49. Reference the Hose Coupling Section.

PACKAGING: 1" through 1 3/8": Packaged one length per carton.
 1 1/2": Packaged one length coiled and shrink wrapped on a pallet.

BRANDING: Continuous ink print label. Example: "GATES® FUEL OIL DELIVERY/GASOLINE 1 1/2 INCH (38.1mm) 200 PSI (1.38MPa) WP MADE IN U.S.A."

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

REMNANT LENGTHS: None.

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



Petroleum Transfer Hose

LP350 (Butane-Propane)

(Specification 3220LP, 3320)

LP350

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)	Reel			
1 1/4	31.8	1.85	47.0	350	2.41	10.0	254	10.0	254	.98	.45	60 ft.	X	3220-0855	
1 1/2	38.1	2.25	57.2	350	2.41	10.0	254	12.0	305	1.26	.57	60 ft.	X	3320-0935	
2	50.8	2.86	72.6	350	2.41	10.0	254	14.0	356	1.81	.82	60 ft.	X	3320-0938	
3	76.2	3.88	98.6	350	2.41	10.0	254	24.0	610	2.58	1.17	60 ft.	X	3320-0934	

LP350 Power Crimp® Ferrules

Size (in)	Description	Wt. Per Ea. (Lbs.)	Stock (X) or Minimum Order Qty.	Gates Item No.	List Price Each End
1 1/2	24PCBHB1F	.80	1 ea. (X)	7266-07345	
1 1/2	24PCBHB1F	.80	20 ea. (X)	7266-0734	
2	32PCBHB1F STD	1.72	1 ea. (X)	7266-07335	
2	32PCBHB1F	1.72	12 ea. (X)	7266-0733	

NOTE: These ferrules are to be used with LP350 hose only.

RECOMMENDED FOR: Liquid or gaseous propane, butane or any combination of these two mixtures. Can be used for natural gas (not to exceed 50 psi) under certain conditions such as: open/outside areas and well ventilated factory buildings (if local building codes permit).

CAUTION: Not recommended for residential, office buildings or as fuel line hose on compressed natural gas vehicles. Contact Denver Product Application (303) 744-5070 for inspection and assembly testing information.

TEMPERATURE: -40°F to +180°F (-40°C to +82°C) continuous service. Warning: Do not convey LP Gas over 140°F (60°C).

CONSTRUCTION: **Tube:** Type A (Neoprene). 1 1/2", 2" and 3". Black.
Type C (Nitrile) 1 1/4". Black.
Reinforcement: Braided, high tensile synthetic textile cord.
Cover: Type A (Neoprene). Black. All sizes are perforated.
Design Factor: 5:1

COUPLINGS: 72 Gates Power Crimp® only for 1 1/4", 1 1/2" and 2" I.D. For Power Crimp ferrules, reference the Hose Coupling Section. Do not use male swivel, reusable or o-ring type couplings. For 3" I.D. use Dixon LP Boss only.

PACKAGING: 1 1/4": Packaged in 270' to 330' reels. Maximum of 3 pieces. Minimum length 25'.
1 1/2" through 3": Packaged 60' in a carton.

BRANDING: Continuous molded strip brand label. Example: "GATES® LP350 LP-Gas Hose 2 INCH DO NOT EXCEED 350 PSI WP Made In U.S.A."

SPECIAL ORDER REQUIREMENTS: Special production runs require minimum order quantities of 5,000 feet for 1 1/4" and 600 feet for 1 1/2" through 3". Any other size in specified lengths requires a minimum production order. For price, add 15% (x1.15) to price.

REMNANT LENGTHS: None.

STANDARDS: CAN/CGA-8.1-M86.
NFPA 58, Section 2-4.6.
Underwriters Laboratories Standard No. 21. (Applies to all sizes).



Petroleum Transfer Hose

**Blacksnake®
(Curb Pump - Hardwall)**
(Specification 3624)

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)				
5/8	15.9	1.00	25.4	150	1.03	30.0	762	6.0	152	.37	.17	Reel	X	3624-0001	
3/4	19.1	1.13	28.7	150	1.03	30.0	762	6.0	152	.42	.19	Reel	X	3624-0002	
1	25.4	1.38	35.1	150	1.03	30.0	762	8.0	203	.57	.26	Reel	X	3624-0003	

RECOMMENDED FOR: Dispensing all types of **commercial gasolines**, or other **petroleum** based products, from service station pumps. A heavy duty **hardwall hose** which does not collapse in reel use or behind the nozzle in heavy duty service.

TEMPERATURE: -40°F to +120°F (-40°C to +49°C) continuous service.

CONSTRUCTION: **Tube:** Type C (Nitrile). Black.
Reinforcement: Braided, high tensile steel wire.
Cover: Type J (CPE). Black. 5/8" and 3/4" smooth, 1" wrapped.
Design Factor: 4:1

COUPLINGS: 24. Reference the Hose Coupling Section.

PACKAGING: 5/8" through 1": Packaged 500' per reel. Maximum 5 pieces. Minimum length 12'.

BRANDING: Continuous transfer label. Example: "GATES® BLACKSNAKE® 3/4 Inch (19.1mm) 1 wire braid (UL) Listed Gasoline Hose Made In U.S.A."

SPECIAL ORDER REQUIREMENTS: Special production runs require minimum order quantities of 5,000 feet per size.

REMNANT LENGTHS: None.

STANDARDS: Underwriters Laboratories Standard No. 330 (USA) and ULC-S612-99 (Canada).
Tube: ARPM (Class A) High oil resistance.



Steam Hose

205MB Steam King®

(Specification 3605)

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)				
3/8	9.5	.78	19.8	250	1.72	30.0	762	4.0	102	.26	.12	Reel	X	3605-0652	
3/8	9.5	.78	19.8	250	1.72	30.0	762	4.0	102	.26	.12	50 ft.	250 ft. (X)	3605-0650	
1/2	12.7	1.06	26.9	250	1.72	25.0	635	7.0	178	.40	.18	Reel	X	3605-0672	
1/2	12.7	1.06	26.9	250	1.72	25.0	635	7.0	178	.40	.18	50 ft.	200 ft. (X)	3605-0655	
1/2	12.7	1.06	26.9	250	1.72	25.0	635	7.0	178	.40	.18	50 ft.-BP**	1,500 ft. (X)	3605-0677	
3/4	19.1	1.28	32.5	250	1.72	20.0	508	9.0	229	.49	.22	Reel	X	3605-0678	
3/4	19.1	1.28	32.5	250	1.72	20.0	508	9.0	229	.49	.22	50 ft.	150 ft. (X)	3605-0664	
3/4	19.1	1.28	32.5	250	1.72	20.0	508	9.0	229	.49	.22	50 ft.-BP**	1,000 ft. (X)	3605-0679	
1	25.4	1.63	41.4	250	1.72	20.0	508	11.0	279	.78	.35	Reel	X	3605-0668	

NOTE: **BP - Bulk Pack, 50' coiled and tied in a pallet carton: 1/2" - 1,500'; 3/4" - 1,000'; 1" - 600'.

Wrapped 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)				
3/4	19.1	1.27	32.3	250	1.72	20.0	508	9.0	229	.57	.26	50 ft.	100 ft. (X)	3605-0901	
1	25.4	1.52	38.6	250	1.72	20.0	508	11.0	279	.70	.32	50 ft.	200 ft. (X)	3605-0665	
1	25.4	1.52	38.6	250	1.72	20.0	508	11.0	279	.70	.32	50 ft.-BP**	600 ft. (X)	3605-0669	
1 1/4	31.8	1.81	46.0	250	1.72	20.0	508	16.0	406	.90	.41	50 ft.	100 ft. (X)	3605-0671	
1 1/2	38.1	2.14	54.4	250	1.72	10.0	254	20.0	508	1.21	.55	50 ft.	X	3605-0676	
2	50.8	2.66	67.6	250	1.72	10.0	254	25.0	635	1.57	.71	50 ft.	X	3605-0681	

NOTE: **BP - Bulk Pack, 50' coiled and tied in a pallet carton: 1/2" - 1,500'; 3/4" - 1,000'; 1" - 600'.

205MB Assemblies Wrapped Cover

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)				
3/4	19.1	1.27	32.3	250	1.72	20.0	508	9.0	229	31.90	14.50	50 ft. F/F	1 ea. (X)	3605-0736	
3/4	19.1	1.27	32.3	250	1.72	20.0	508	9.0	229	30.90	14.05	50 ft. F/M	1 ea. (X)	3605-0737	
3/4	19.1	1.27	32.3	250	1.72	20.0	508	9.0	229	29.90	13.59	50 ft. M/M	1 ea. (X)	3605-0738	

RECOMMENDED FOR: All types of steam - saturated and superheated - up to 250 PSI and +450°F (+232°C). Special cover for oil resistance.

CAUTION: DO NOT ALTERNATE USE BETWEEN STEAM AND WATER.

TEMPERATURE: -40°F to +450°F (-40°C to +232°C) continuous service.

CONSTRUCTION: Tube: Type P2 (EPDM). Black.
Reinforcement: Braided, high tensile steel wire.
Cover: Type P2 (EPDM). Black. All sizes are perforated.
Design Factor: 10:1

COUPLINGS: 14, 15 or 76 only. Reference the Hose Coupling Section.

PACKAGING: **BP - Bulk Pack, 50' coiled and tied in a pallet carton: 1/2" - 1,500'; 3/4" - 1,000'; 1" - 600'.

3/8" x 50': Packaged 250' per carton, each length coiled and tied.

3/8": Packaged in 200' to 300' reels. Maximum of 3 pieces. Minimum length 25'. One length under 100'.

1/2" x 50': Packaged 200' per carton, each length coiled and tied.

3/4" x 50" coupled assy: Coiled in carton, one assembly per carton.

3/4" x 50': Packaged 100' or 150' per carton, each length coiled and tied.

1" x 50': Packaged 200' per carton, each length coiled and tied.

1 1/4" x 50': Packaged 100' per carton, each length coiled and tied.

1 1/2" and 2" x 50': Packaged 50' per carton, each length coiled and tied.

1/2", 3/4" and 1": Packaged in 500' reels. Maximum of 3 pieces. All lengths in 50' increments.

BRANDING: Continuous molded brand. Example: "GATES® 205MB STEAM KING® 3/4 INCH 2 WIRE BRAID 250 PSI WP AT 450°F MADE IN U.S.A. CAUTION: TIGHTEN CLAMPS BEFORE USING."

SPECIAL ORDER REQUIREMENTS: Special production runs require minimum order quantities of 5,000 feet.

REMNANT LENGTHS: None.



Water Hose

Barracuda®

(Specification 4686AT)

Nom. I.D. (In.)	Nom. O.D. (In.)	Max. W.P. (psi)	Suction (In. Hg)	Min. Bend Radius (In.)	Wt. Per Ft. (Lbs.)	Standard Pack	Stock (X) or Minimum Order Qty.	Gates Item No.	List Price Per Ft.						
										(mm)	(mm)	(MPa)	(mm Hg)	(mm)	(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	
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	
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	
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	
2	50.8	2.36	59.9	150	1.03	30.0	762	8.0	203	.76	.35	100 ft.	X	4686-0200	
2	50.8	2.36	59.9	150	1.03	30.0	762	8.0	203	.76	.35	200 ft.	400 ft.	4686-0235	
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	
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	
3	76.2	3.54	89.9	150	1.03	30.0	762	14.0	356	1.44	.65	100 ft.	X	4686-0201	
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	
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	
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	
6	152.4	6.68	170.0	100	.69	30.0	762	28.0	711	3.94	1.79	20 ft.	X	4686-0207	
6	152.4	6.68	170.0	100	.69	30.0	762	28.0	711	3.94	1.79	25 ft.	X	4686-0206	
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	
8	203.2	9.00	286.3	100	.69	30.0	762	40.0	1016	8.81	4.00	20 ft.	X	4686-0212	
8	203.2	9.00	286.3	100	.69	30.0	762	40.0	1016	8.88	3.95	25 ft.	400 ft.	4686-0209	
10	254.0	11.27	286.3	100	.69	30.0	762	50.0	1270	15.80	7.18	20 ft.	X	4686-0213	
10	254.0	11.27	286.3	100	.69	30.0	762	50.0	1270	15.80	7.18	25 ft.	400 ft.	4686-0210	
12	304.8	13.27	337.1	100	.69	30.0	762	60.0	1524	18.63	8.47	20 ft.	X	4686-0214	
12	304.8	13.27	337.1	100	.69	30.0	762	60.0	1524	17.60	8.00	25 ft.	400 ft.	4686-0211	

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.

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