



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.