



Marine Hose

**Engine Coolant
(Oil Resistant - Softwall)**
(Specification 4169A)

	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)				
ACID-CHEMICAL	3/4	19.1	1.17	29.7	150	1.03	—	—	6.0	152	.34	.15	3 ft.	X	4169-0210	\$15.32
	7/8	22.2	1.30	33.0	150	1.03	—	—	7.0	178	.38	.17	3 ft.	X	4169-0220	15.72
	1	25.4	1.42	36.1	135	.93	—	—	8.0	203	.43	.20	3 ft.	X	4169-0224	16.04
AIR AND MULTI-PURPOSE	1 1/8	28.6	1.55	39.4	135	.93	—	—	8.0	203	.48	.22	3 ft.	X	4169-0240	16.61
	1 1/4	31.8	1.67	42.4	135	.93	—	—	10.0	254	.51	.23	3 ft.	X	4169-0246	17.58
	1 3/8	34.9	1.80	45.7	100	.69	—	—	12.0	305	.56	.25	3 ft.	X	4169-0260	18.57
FOOD AND BEVERAGE	1 1/2	38.1	1.92	48.8	100	.69	—	—	12.0	305	.60	.27	3 ft.	X	4169-0270	19.25
	1 5/8	41.3	2.05	52.1	85	.59	—	—	15.0	381	.63	.29	3 ft.	X	4169-0280	20.28
	1 3/4	44.5	2.17	55.1	75	.52	—	—	15.0	381	.68	.31	3 ft.	X	4169-0288	20.96
MARINE	1 7/8	47.6	2.30	58.4	75	.52	—	—	—	—	.73	.33	3 ft.	X	4169-0300	22.29
	2	50.8	2.42	61.5	60	.41	—	—	—	—	.77	.35	3 ft.	X	4169-0484	22.82
	2 1/8	54.0	2.55	64.8	60	.41	—	—	—	—	.88	.40	3 ft.	X	4169-0320	24.36
MATERIAL HANDLING	2 1/4	57.2	2.67	67.8	60	.41	—	—	—	—	.93	.42	3 ft.	X	4169-0491	25.46
	2 3/8	60.3	2.80	71.1	60	.41	—	—	—	—	.97	.44	3 ft.	X	4169-0340	26.18
	2 1/2	63.5	2.92	74.2	60	.41	—	—	—	—	1.02	.46	3 ft.	X	4169-0345	27.93
MINING	2 5/8	66.7	3.05	77.5	60	.41	—	—	—	—	1.07	.49	3 ft.	200 ft.	4169-0360	30.32
	2 3/4	69.9	3.17	80.5	60	.41	—	—	—	—	1.12	.51	3 ft.	X	4169-0362	32.22
	2 7/8	73.0	3.30	83.8	55	.38	—	—	—	—	1.16	.53	3 ft.	200 ft.	4169-0376	32.90
OILFIELD	3	76.2	3.42	86.9	50	.34	—	—	—	—	1.20	.55	3 ft.	X	4169-0383	34.04
	3 1/4	82.6	3.67	93.2	35	.24	—	—	—	—	1.30	.59	3 ft.	200 ft.	4169-0402	36.05
	3 1/2	88.9	3.92	99.6	10	.07	—	—	—	—	1.40	.64	3 ft.	X	4169-0420	37.92
PETROLEUM TRANSFER	4	101.6	4.42	112.3	10	.07	—	—	—	—	1.69	.77	3 ft.	X	4169-0425	43.97
	4 1/2	114.3	4.92	125.0	10	.07	—	—	—	—	1.90	.86	3 ft.	200 ft.	4169-0433	49.25

RECOMMENDED FOR: Open end water discharge applications and coolant connections on marine and stationary engines where oil resistance is required.

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

CONSTRUCTION: **Tube:** Type C (Nitrile). Black. Oil and heat resistant.
Reinforcement: Two plies of synthetic fabric.
Cover: Type A (Neoprene). Black.
Design Factor: 4:1

COUPLINGS: 1, 5, 6 or 7. Reference the Hose Coupling Section.

PACKAGING: 3' per carton.

BRANDING: Continuous transfer label. Example: "GATES® 4169A 3/4 150 PSI WP MADE IN USA"

SPECIAL ORDER REQUIREMENTS: Special production runs require minimum order quantities of 200 feet.

REMNANT LENGTHS: None.

STANDARDS: Meets requirements of SAE 20R1, Class B Tube, Class C Cover.

Tube: ARPM (Class B) Medium oil resistance.
Cover: ARPM (Class C) Limited oil resistance.

