



Acid-Chemical Hose

Colt®
(Specification 4696A)

ACID-CHEMICAL
AIR AND MULTI-PURPOSE
FOOD AND BEVERAGE
MARINE
MATERIAL HANDLING
MINING
OILFIELD
PETROLEUM TRANSFER
PRESSURE WASHER
STEAM
WATER
CLAMPS
COUPLINGS AND FERRULES
HOSE FINDER
CHEMICAL RESISTANCE TABLE

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	150	1.03	30.0	762	3.0	76	.50	.23	100 ft.	400 ft.	4696-0002	\$19.25
1	25.4	1.52	38.6	150	1.03	30.0	762	3.5	89	.61	.28	100 ft.	X	4696-0001	19.98
1 1/4	31.8	1.79	45.5	150	1.03	30.0	762	4.0	102	.77	.35	100 ft.	400 ft.	4696-0003	22.01
1 1/4	31.8	1.79	45.5	150	1.03	30.0	762	4.0	102	.77	.35	200 ft.	400 ft.	4696-0203	22.01
1 1/2	38.1	2.04	51.8	150	1.03	30.0	762	5.0	127	.89	.40	100 ft.	X	4696-0004	23.00
2	50.8	2.54	64.5	150	1.03	30.0	762	6.0	152	1.07	.49	100 ft.	X	4696-0005	25.68
2 1/2	63.5	3.05	77.5	150	1.03	30.0	762	9.0	229	1.34	.61	100 ft.	400 ft.	4696-0006	31.11
3	76.2	3.60	91.4	150	1.03	30.0	762	11.0	279	1.70	.77	100 ft.	X	4696-0009	37.28
3	76.2	3.60	91.4	150	1.03	30.0	762	11.0	279	1.70	.77	200 ft.	400 ft.	4696-0013	37.28
4	101.6	4.60	116.8	125	.86	30.0	762	16.0	406	2.25	1.02	100 ft.	X	4696-0012	47.10
6	152.4	6.78	172.2	125	.86	30.0	762	24.0	610	5.29	1.85	100 ft.	X	4696-0017	88.95

RECOMMENDED FOR: Tank truck, barge ship, or storage tank transfer of a variety of mild chemical products. Colt contains a wire helix for full suction capability, as well as for routing hoses through tight bends. Its EPDM tube stock will withstand 250°F (+121°C) applications. Reference Gates Chemical Resistance Table for proper hose selection.

CAUTION: Colt is designed to withstand fluid temperatures to 250°F (+121°C), however the rating is dependent on the specific chemical conveyed. Contact Denver Product Application (303) 744-5070 for any chemical above 125°F (+52°C).

TEMPERATURE: -40°F to +250°F (-40°C to +121°C) normal service.

CONSTRUCTION:
Tube: Type P (EPDM). Black. Mild chemical resistance.
Reinforcement: Synthetic, high tensile textile with steel wire helix.
Cover: Type P (EPDM). Yellow corrugated with green spiral stripe.
Design Factor: 4:1

COUPLINGS: Gates has tested hose assemblies at the maximum rated service temperature to assure your safety. Use 7, 8, or 49 for fluid temperatures to 125°F (+52°C). Use permanent fittings only 71 or 73 for fluid temperatures above 125°F (+52°C) and up to 250°F (+121°C). Reference the Hose Coupling Section.

PACKAGING: All lengths coiled and wrapped in polyethylene.

BRANDING: Continuous transfer label. Example: "GATES® Colt® Acid-Chemical Suction/Discharge 150 PSI (1.03MPa) WP Made In U.S.A. For your safety: Use Permanent Couplings above 125°F."

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.

