



## Acid-Chemical Hose

## Renegade™ (Specification 4697G)

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	1.22	31.0	200	1.38	30.0	762	4.0	102	.41	.19	100 ft.	X	4697-0014	\$32.49
1	25.4	1.47	37.3	200	1.38	30.0	762	5.0	127	.51	.23	100 ft.	X	4697-0015	34.26
1	25.4	1.47	37.3	200	1.38	30.0	762	5.0	127	.51	.23	200 ft.	400 ft.	4697-0057	34.26
1 1/4	31.8	1.72	43.7	200	1.38	30.0	762	6.0	152	.60	.27	100 ft.	X	4697-0016	36.17
1 1/2	38.1	2.00	50.8	200	1.38	30.0	762	8.0	203	.78	.35	100 ft.	X	4697-0017	39.05
1 1/2	38.1	2.00	50.8	200	1.38	30.0	762	8.0	203	.78	.35	200 ft.	400 ft.	4697-0058	39.05
2	50.8	2.50	63.5	200	1.38	30.0	762	9.0	229	1.08	.49	100 ft.	X	4697-0018	49.20
2	50.8	2.50	63.5	200	1.38	30.0	762	9.0	229	1.08	.49	200 ft.	400 ft.	4697-0059	49.20
2 1/2	63.5	3.01	76.5	150	1.03	30.0	762	12.0	305	1.39	.63	100 ft.	X	4697-0019	58.43
3	76.2	3.53	89.7	150	1.03	30.0	762	18.0	457	1.76	.80	100 ft.	X	4697-0020	70.10
3	76.2	3.53	89.7	150	1.03	30.0	762	18.0	457	1.76	.80	200 ft.	400 ft.	4697-0022	70.10
4	101.6	4.53	115.1	125	.86	30.0	762	24.0	610	2.49	1.13	100 ft.	X	4697-0021	86.34

**RECOMMENDED FOR:** Tank truck, barge, ship, or storage tank transfer of a variety of chemical products. Renegade contains a wire helix for full suction capability, as well as for routing hoses through tight bends. The Ultrahigh Molecular Weight Polyethylene tube stock has excellent chemical resistance and is backed by Gates Gatron™ for flex fatigue safety at the coupling. Renegade is designed for easy cleaning in bath containing 10% (NaOH) @ 212°F (+100°C). Cleaning in place (CIP) methods may be used. Applications include over 450 basic chemicals which are building blocks for numerous chemicals used in a variety of industries. Reference Gates Chemical Resistance Table for proper hose selection.

**CAUTION:** Renegade is designed to withstand fluid temperatures to 212°F (+100°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 +212°F (-40°C to +100°C) normal service.

**CONSTRUCTION: Tube:** Type L (Ultrahigh Molecular Weight Polyethylene). Clear, backed with Gatron™ Modified XLPE.

**Reinforcement:** Synthetic, high tensile textile with steel wire helix.

**Cover:** Type P (EPDM). Green corrugated with yellow 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 212°F (+100°C). Reference the Hose Coupling Section.

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

**BRANDING:** Continuous transfer label. Example: "GATES® Renegade™ Acid-Chemical Suction/Discharge 200 PSI (1.38MPa) WP Made In U.S.A. For your safety: Use Permanent Couplings above 125°F."

**SPECIAL ORDER REQUIREMENTS:** Black, red, blue and yellow covers are made to order and require minimum production order quantities of 400 feet per size. For price, add 10% (x1.10) to price.

Special production runs require minimum order quantities of 400 feet per size. 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.

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

