



Acid-Chemical Hose

Stallion®
(Specification 4698B)

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	1.29	32.8	200	1.38	30.0	762	4.0	102	.52	.24	100 ft.	X	4698-0011	\$36.73
3/4	19.1	1.29	32.8	200	1.38	30.0	762	4.0	102	.52	.24	20 ft.	X	4698-0021	36.73
1	25.4	1.56	39.6	200	1.38	30.0	762	5.0	127	.63	.29	100 ft.	X	4698-0012	43.19
1	25.4	1.56	39.6	200	1.38	30.0	762	5.0	127	.63	.29	200 ft.	400 ft.	4698-0029	43.19
1	25.4	1.56	39.6	200	1.38	30.0	762	5.0	127	.63	.29	20 ft.	X	4698-0022	43.19
1-1/2	38.1	2.05	52.1	200	1.38	30.0	762	8.0	203	.93	.42	100 ft.	X	4698-0013	58.78
1-1/2	38.1	2.05	52.1	200	1.38	30.0	762	8.0	203	.93	.42	20 ft.	X	4698-0023	58.78
2	50.8	2.55	64.8	200	1.38	30.0	762	9.0	229	1.18	.54	100 ft.	X	4698-0014	71.71
2	50.8	2.55	64.8	200	1.38	30.0	762	9.0	229	1.18	.54	20 ft.	X	4698-0024	71.71
2-1/2	63.5	3.07	78.0	150	1.03	30.0	762	12.0	305	1.49	.68	100 ft.	X	4698-0015	90.53
2-1/2	63.5	3.07	78.0	150	1.03	30.0	762	12.0	305	1.49	.68	20 ft.	X	4698-0025	90.53
3	76.2	3.59	91.2	150	1.03	30.0	762	18.0	457	1.83	.83	100 ft.	X	4698-0016	107.03
3	76.2	3.59	91.2	150	1.03	30.0	762	18.0	457	1.83	.83	20 ft.	X	4698-0026	107.03
4	101.6	4.66	118.4	125	.86	30.0	762	24.0	610	2.74	1.24	100 ft.	X	4698-0017	150.53
4	101.6	4.66	118.4	125	.86	30.0	762	24.0	610	2.74	1.24	20 ft.	X	4698-0027	150.53

RECOMMENDED FOR: Tank truck, barge, ship, or storage tank transfer of a variety of chemical products. Stallion has a wire helix for full suction capability. The tube stock (Teflon* or Neoflon**) has excellent chemical resistance and is backed by Gates Gatron™ for flex fatigue safety at the coupling. Stallion is designed for easy cleaning in a bath containing 10% (NaOH) @ 212°F (100°C). Cleaning in place (CIP) methods may be used. Reference page 135. Applications include most basic chemicals which are building blocks for numerous chemicals used in a variety of industries. Reference Gates Chemical Resistance Table on page 158 for proper hose selection. Compatible with commercially available Bio-Diesel fuels up to B-100.

TEMPERATURE: -40°F to +300°F (-40°C to +149°C) normal service. Stallion is designed to withstand fluid temperatures to 300°F (+149°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).

CONSTRUCTION: **Tube:** Type T (FEP) (Teflon* or Neoflon**). White. Backed with Gatron™ (Modified XLPE). **Reinforcement:** Synthetic, high tensile textile with steel wire helix. **Cover:** Type P (EPDM). Blue corrugated with red spiral stripe.

COUPLINGS: Gates has tested hose assemblies at the maximum rated service temperature to assure your safety. Use permanent fittings only **71** or **73** for fluid temperatures up to 300°F (149°C). Reference pages 121-133.

PACKAGING: All lengths coiled and wrapped in polyethylene.

BRANDING: Continuous transfer label. Example: Stallion® U.S. Pat. No. 5,647,400 Acid-Chemical Suction/Discharge 200 PSI (1.38MPa) WP Made In U.S.A. For Your Safety: Use Permanent Fittings **ONLY!**

SPECIAL ORDER REQUIREMENTS: Special production runs require minimum order quantities of 400 feet per size. If a special transfer label is required, contact Denver Industrial Hose Marketing for minimum quantity.

Black, red, green 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 above price.

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 Denver Industrial Hose Marketing for pricing, order requirements and availability.

* Registered trademark of DuPont.
** Registered trademark of Daikin.





Acid-Chemical Hose

Stallion® Crush Resistant
(Specification 4698MB)

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)	Pack			
3/4	19.1	1.33	33.8	200	1.38	20.0	508	4.0	102	.53	.24	100 ft.	400 ft.	4698-0001	\$40.40
1	25.4	1.58	40.1	200	1.38	20.0	508	5.0	127	.63	.29	100 ft.	X	4698-0002	47.51
1-1/2	38.1	2.08	52.8	200	1.38	20.0	508	8.0	203	.86	.39	100 ft.	X	4698-0003	64.67
2	50.8	2.58	65.5	200	1.38	20.0	508	9.0	229	1.09	.49	100 ft.	X	4698-0004	78.87

RECOMMENDED FOR: Tank truck, barge, ship, or storage tank transfer of a variety of chemical products. Stallion Crush Resistant has a monofilament helix for suction and crush resistant capability. The tube stock (Teflon* or Neoflon**) has excellent chemical resistance and is backed by Gates Gatron™ for flex fatigue safety at the coupling. Stallion Crush Resistant is designed for easy cleaning in a bath containing 10% (NaOH) @ 212°F (100°C). Cleaning in place (CIP) methods may be used. Reference page 135. Applications include most basic chemicals which are building blocks for numerous chemicals used in a variety of industries. Reference Gates Chemical Resistance Table on page 158 for proper hose selection. Compatible with commercially available Bio-Diesel fuels up to B-100.

TEMPERATURE: -40°F to +300°F (-40°C to +149°C) normal service. Stallion Crush Resistant is designed to withstand fluid temperatures to 300°F (+149°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).

CONSTRUCTION: **Tube:** Type T (FEP) (Teflon* or Neoflon**). White. Backed with Gatron™ (Modified XLPE). **Reinforcement:** Synthetic, high tensile textile with monofilament helix and static wire. **Cover:** Type P (EPDM). Blue corrugated with red spiral stripe.

COUPLINGS: Gates has tested hose assemblies at the maximum rated service temperature to assure your safety. Use permanent fittings only **71** or **73** for fluid temperatures up to 300°F (149°C). Reference pages 121-133.

PACKAGING: 100' length coiled and wrapped in polyethylene.

BRANDING:

Continuous transfer label. Example: Stallion® ^{U.S. Pat. No. 5,647,400} Crush Resistant Acid-Chemical Suction/Discharge 200 PSI (1.38MPa) WP Made In U.S.A. For your safety: Use Permanent Fittings **Only!**"

SPECIAL ORDER REQUIREMENTS:

Special production runs require minimum order quantities of 400 feet per size. If a special transfer label is required, contact Denver Industrial Hose Marketing for minimum quantity.

Black, red, green 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 above price.

REMNANT LENGTHS: Remnant lengths are sometimes available in popular sizes at a discount. Contact Denver Industrial Hose Marketing for pricing, order requirements and availability.

* Registered trademark of DuPont.
** Registered trademark of Daikin.



**Industrial Hose
Products/List Prices**



39496-000
July 30, 2007
Supersedes 39496-000
July 1, 2006

Acid-Chemical Hose

Mustang®
(Specification 4695/4695G)

Black Cover (4695)

Nom. I.D.		Nom. O.D.		Max. W.P.		Suction		Min. Bend Radius		Wt. Per Ft.		Standard	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)	Pack			
3/4	19.1	1.25	31.8	200	1.38	30.0	762	4.0	102	.45	.20	100 ft.	X	4695-0002	\$19.71
3/4	19.1	1.25	31.8	200	1.38	30.0	762	4.0	102	.45	.20	200 ft.	400 ft.	4695-0737	19.71
1	25.4	1.50	38.1	200	1.38	30.0	762	5.0	127	.56	.25	100 ft.	X	4695-0003	20.75
1	25.4	1.50	38.1	200	1.38	30.0	762	5.0	127	.56	.25	200 ft.	400 ft.	4695-0670	20.75
1-1/4	31.8	1.75	44.5	200	1.38	30.0	762	6.0	152	.66	.30	100 ft.	X	4695-0004	21.90
1-1/4	31.8	1.75	44.5	200	1.38	30.0	762	6.0	152	.66	.30	200 ft.	400 ft.	4695-0738	21.90
1-1/2	38.1	2.04	51.8	200	1.38	30.0	762	8.0	203	.87	.40	100 ft.	X	4695-0005	23.69
2	50.8	2.54	64.5	200	1.38	30.0	762	9.0	229	1.10	.50	100 ft.	X	4695-0001	29.85
2	50.8	2.54	64.5	200	1.38	30.0	762	9.0	229	1.10	.50	200 ft.	400 ft.	4695-0698	29.85
2-1/2	63.5	3.05	77.5	150	1.03	30.0	762	12.0	305	1.40	.64	100 ft.	X	4695-0006	35.40
2-1/2	63.5	3.05	77.5	150	1.03	30.0	762	12.0	305	1.40	.64	200 ft.	400 ft.	4695-0720	35.40
3	76.2	3.58	90.9	150	1.03	30.0	762	18.0	457	1.79	.81	100 ft.	X	4695-0007	42.49
3	76.2	3.58	90.9	150	1.03	30.0	762	18.0	457	1.79	.81	200 ft.	400 ft.	4695-0699	42.49
4	101.6	4.69	119.1	125	.86	30.0	762	24.0	610	2.72	1.23	100 ft.	X	4695-0008	52.30
4	101.6	4.69	119.1	125	.86	30.0	762	24.0	610	2.72	1.23	200 ft.	400 ft.	4695-0055	52.30

Green Cover (4695G)

Nom. I.D.		Nom. O.D.		Max. W.P.		Suction		Min. Bend Radius		Wt. Per Ft.		Standard	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)	Pack			
1	25.4	1.50	38.1	200	1.38	30.0	762	5.0	127	.56	.25	100 ft.	X	4695-0628	\$20.75
1 1/2	38.1	2.04	51.8	200	1.38	30.0	762	8.0	203	.88	.40	100 ft.	X	4695-0211	23.69
2	50.8	2.54	64.5	200	1.38	30.0	762	9.0	229	1.11	.50	100 ft.	X	4695-0216	29.85
2	50.8	2.54	64.5	200	1.38	30.0	762	9.0	229	1.11	.50	200 ft.	400 ft.	4695-0700	29.85
3	76.2	3.58	90.9	150	1.03	30.0	762	18.0	457	1.81	.82	100 ft.	X	4695-0229	42.49
3	76.2	3.58	90.9	150	1.03	30.0	762	18.0	457	1.81	.82	200 ft.	400 ft.	4695-0701	42.49

RECOMMENDED FOR: Tank truck, barge, ship, or storage tank transfer of a variety of chemical products. Mustang contains a wire helix for full suction capability, as well as for routing hoses through tight bends. Its Modified Cross-linked Polyethylene tube stock is "best in class" for maintaining a tight seal with stainless steel fittings, and is designed for cleaning with "open end" 50 PSI steam or in a bath containing 10% (NaOH) @ 212°F (100°C). Cleaning in place (CIP) methods may be used. Not recommended for "closed steam" cleaning. Reference page 135. Applications include over 950 basic chemicals that are building blocks for numerous chemicals used in a variety of industries. Reference Gates Chemical Resistance Table on page 158 for proper hose selection.

NOTE: For applications requiring greater than 90% sulfuric acid contact Denver Product Application (303) 744-5070.

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

CONSTRUCTION:
Tube: Type K (Gatron™ Modified Cross-linked Polyethylene.) Tan. High chemical resistance.
Reinforcement: Synthetic, high tensile textile with steel wire helix.
Cover: Type P (EPDM). Black or green corrugated with orange spiral stripe. Blue, red, and yellow covers available on special order.

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 pages 121-133.

PACKAGING: 100' length coiled and wrapped in polyethylene.

BRANDING: Continuous transfer label. Example: "Gates Mustang® 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: Special production runs require minimum order quantities of 400 feet per size. If a special transfer label is required, contact Denver Industrial Hose Marketing for minimum quantity.

Blue, red, 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 above price.

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 Denver Industrial Hose Marketing for pricing, order requirements and availability.

Due to continual product improvements, Gates reserves the right to alter specs and prices without prior notice.





Acid-Chemical Hose

Mustang® Crush Resistant
(Specification 4695M)

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)	Pack	Order Qty.		
3/4	19.1	1.36	34.5	200	1.38	20.0	508	4.0	102	.53	.24	100 ft.	400 ft.	4695-0607	\$21.68
1	25.4	1.61	40.9	200	1.38	20.0	508	5.0	127	.64	.29	100 ft.	X	4695-0608	22.82
1-1/2	38.1	2.13	54.1	200	1.38	20.0	508	8.0	203	.90	.41	100 ft.	X	4695-0609	26.05
2	50.8	2.63	66.8	200	1.38	20.0	508	9.0	229	1.13	.51	100 ft.	X	4695-0610	32.83

RECOMMENDED FOR: Tank truck, barge, ship, or storage tank transfer of a variety of chemical products. Mustang Crush Resistant contains a monofilament helix for suction and crush resistant capability, as well as for routing hoses through tight bends. Its Modified Cross-linked Polyethylene tube stock is "best in class" for maintaining a tight seal with stainless steel fittings, and is designed for cleaning with "open end" 50 PSI steam or in a bath containing 10% (NaOH) @ 212°F (100°C). Cleaning in place (CIP) methods may be used. Not recommended for "closed steam" cleaning. Reference page 135. Applications include over 950 basic chemicals that are building blocks for numerous chemicals used in a variety of industries. Reference Gates Chemical Resistance Table on page 158 for proper hose selection.

NOTE: For applications requiring greater than 90% sulfuric acid contact Denver Product Application (303) 744-5070.

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

CONSTRUCTION: **Tube:** Type K (Gatron™ Modified Cross-linked Polyethylene.) Tan. High chemical resistance.
Reinforcement: Synthetic, high tensile textile with monofilament helix and static wire providing crush and kink resistance.
Cover: Type P (EPDM). Black corrugated with orange spiral stripe. Green, blue, red, and yellow covers available on special order.

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 pages 121-133.

PACKAGING: 100' length coiled and wrapped in polyethylene.

BRANDING: Continuous transfer label. Example: Mustang® Crush Resistant 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: Special production runs require minimum order quantities of 400 feet per size. If a special transfer label is required, contact Denver Industrial Hose Marketing for minimum quantity.

Green, blue, red, 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 above price.

REMNANT LENGTHS: Remnant lengths are sometimes available in popular sizes at a discount. Contact Denver Industrial Hose Marketing for pricing, order requirements and availability.

Due to continual product improvements, Gates reserves the right to alter specs and prices without prior notice.



Acid-Chemical Hose

Appaloosa®
(Specification 4695RG)

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)				
1-1/2	38.1	1.97	50.0	200	1.38	30.0	762	8.0	203	.76	.35	100 ft.	X	4695-0665	\$26.05
2	50.8	2.47	62.7	200	1.38	30.0	762	9.0	229	.97	.44	100 ft.	X	4695-0666	32.83
3	76.2	3.51	89.2	150	1.03	30.0	762	18.0	457	1.58	.72	100 ft.	X	4695-0668	46.73

RECOMMENDED FOR: Use for tank truck, barge, ship, or storage tank transfer of a variety of chemical products where external abrasion resistance is critical. Appaloosa contains a wire helix for full suction capability, as well as for routing hoses through tight bends. Its Modified Cross-linked Polyethylene tube stock is "best in class" for maintaining a tight seal with stainless steel fittings and is designed for cleaning with "open end" 50 PSI steam or in a bath containing 10% (NaOH) @ 212°F (100°C). Cleaning in place (CIP) methods may be used. Not recommended for "closed steam" cleaning. Reference page 135. Capable of handling more than 950 basic chemicals. Reference Gates Chemical Resistance Table on page 158 for proper hose selection.

TEMPERATURE: -40°F to +225°F (-40°C to +107°C) normal service. Appaloosa is designed to withstand fluid temperatures to 225°F (+107°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).

CONSTRUCTION:
Tube: Type K (Gatron™ Modified Cross-linked Polyethylene.) Tan. High chemical resistance.
Reinforcement: Synthetic, high tensile textile with steel wire helix.
Cover: Type L (UHMWPE) over a base of Type P (EPDM). Black corrugated cover with green dots and a green spiral stripe.

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 pages 121-133.

PACKAGING: 100' length coiled and wrapped in polyethylene.

BRANDING: Continuous transfer label. Example: "Gates Appaloosa® 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: Special production runs require minimum order quantities of 400 feet per size. If a special transfer label is required, contact Denver Industrial Hose Marketing 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 Denver Industrial Hose Marketing for pricing, order requirements and availability.





**Industrial Hose
Products/List Prices**



39496-000
July 30, 2007
Supersedes 39496-000
July 1, 2006

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)	Pack			
3/4	19.1	1.22	31.0	200	1.38	30.0	762	4.0	102	.19	.19	100 ft.	X	4697-0014	\$21.66
1	25.4	1.47	37.3	200	1.38	30.0	762	5.0	127	.51	.23	100 ft.	X	4697-0015	22.84
1	25.4	1.47	37.3	200	1.38	30.0	762	5.0	127	.51	.23	200 ft.	400 ft.	4697-0057	22.84
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	24.11
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	26.03
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	26.03
2	50.8	2.50	63.5	200	1.38	30.0	762	9.0	229	.99	.45	100 ft.	X	4697-0018	32.80
2	50.8	2.50	63.5	200	1.38	30.0	762	9.0	229	.99	.45	200 ft.	400 ft.	4697-0059	32.80
2-1/2	63.5	3.01	76.5	150	1.03	30.0	762	12.0	305	1.28	.58	100 ft.	X	4697-0019	38.95
3	76.2	3.53	89.7	150	1.03	30.0	762	18.0	457	1.63	.74	100 ft.	X	4697-0020	46.73
3	76.2	3.53	89.7	150	1.03	30.0	762	18.0	457	1.63	.74	200 ft.	400 ft.	4697-0022	46.73
4	101.6	4.53	115.1	125	.86	30.0	762	24.0	610	2.11	.96	100 ft.	X	4697-0021	57.56

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 a bath containing 10% (NaOH) @ 212°F (100°C). Cleaning in place (CIP) methods may be used. Reference page 135. Applications include over 450 basic chemicals which are building blocks for numerous chemicals used in a variety of industries. Reference Gates Chemical Resistance Table on page 158 for proper hose selection.

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

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.

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 pages 121-133.

PACKAGING: 100' length coiled and wrapped in polyethylene.

BRANDING: Continuous transfer label. Example: “ 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: Special production runs require minimum order quantities of 400 feet per size. If a special transfer label is required, contact Denver Industrial Hose Marketing for minimum quantity.

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 above price.

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 Denver Industrial Hose Marketing for pricing, order requirements and availability.

Due to continual product improvements, Gates reserves the right to alter specs and prices without prior notice.



**Industrial Hose
Products/List Prices**



39496-000
July 30, 2007
Supersedes 39496-000
July 1, 2006

Acid-Chemical Hose

Colt®

(Specification 4696A)

Nom. I.D.		Nom. O.D.		Max. W.P.		Suction		Min. Bend Radius		Wt. Per Ft.		Standard	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)	Pack			
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	\$12.83
1	25.4	1.52	38.6	150	1.03	30.0	762	3.5	89	.61	.28	100 ft.	X	4696-0001	13.32
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	14.67
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	15.33
2	50.8	2.54	64.5	150	1.03	30.0	762	6.0	152	1.11	.50	100 ft.	X	4696-0005	17.12
2-1/2	63.5	3.05	77.5	150	1.03	30.0	762	9.0	229	1.48	.67	100 ft.	400 ft.	4696-0006	20.74
3	76.2	3.60	91.4	150	1.03	30.0	762	11.0	279	1.94	.88	100 ft.	X	4696-0009	24.85
3	76.2	3.60	91.4	150	1.03	30.0	762	11.0	279	1.94	.88	200 ft.	400 ft.	4696-0013	24.85
4	101.6	4.60	116.8	125	.86	30.0	762	16.0	406	2.52	1.14	100 ft.	X	4696-0012	31.40
6	152.4	6.78	172.2	125	.86	30.0	762	24.0	610	4.95	2.25	100 ft.	X	4696-0017	59.30

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 on page 158 for proper hose selection. For cleaning reference page 135.

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

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.

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 pages 121-133.

PACKAGING: 100' length coiled and wrapped in polyethylene.

BRANDING: Continuous transfer label. Example: 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 Denver Industrial Hose Marketing 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 Denver Industrial Hose Marketing for pricing, order requirements and availability.

Due to continual product improvements, Gates reserves the right to alter specs and prices without prior notice.



**Industrial Hose
Products/List Prices**



39496-000
July 30, 2007
Supersedes 39496-000
July 1, 2006

Acid-Chemical Hose

**Thermo AG® 570
(Ag Spray)
(Specification 4465)**

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)	Pack	Order Qty.	Item No.	Per Ft.
3/8	9.5	.67	17.0	570	3.93	25.0	635	4.0	102	.12	.05	300 ft.	X	4465-1701	\$2.13
3/8	9.5	.67	17.0	570	3.93	25.0	635	4.0	102	.12	.05	400 ft.	X	4465-1702	2.13
1/2	12.7	.81	20.6	570	3.93	25.0	635	5.0	127	.17	.08	300 ft.	X	4465-1704	2.49
1/2	12.7	.81	20.6	570	3.93	25.0	635	5.0	127	.17	.08	400 ft.	X	4465-1705	2.49
3/4	19.1	1.08	27.4	570	3.93	25.0	635	6.0	152	.27	.12	300 ft.	X	4465-1706	4.73
3/4	19.1	1.08	27.4	570	3.93	25.0	635	6.0	152	.27	.12	400 ft.	X	4465-1707	4.73

*Working pressure and suction at +72°F (+22°C).

RECOMMENDED FOR: Spraying lawns, trees and similar applications with diluted solutions of water and oil based pesticides and herbicides. For pesticides or herbicides containing more than 2% Toluene or Xylene, use Gates 77B.

TEMPERATURE: -10°F to +130°F (-23°C to +55°C). Maximum temperature dependent on pesticide/herbicide or chemicals conveyed. For temperatures above 120°F (+49°C), contact Denver Product Application (303) 744-5070.

CONSTRUCTION: **Tube:** Type G (PVC). Yellow.
Reinforcement: Synthetic, high tensile textile cord.
Cover: Type G (PVC). Yellow. Striated.

COUPLINGS: , or , (multiple clamps required) or , Gates permanent Power Crimp® couplings. Reference pages 122-133.

PACKAGING: All lengths coiled in a polyethylene bag.

BRANDING: Continuous ink brand. Example: "3/8" 570 PSI WP SPRAY HOSE JAPAN"

SPECIAL ORDER REQUIREMENTS: None.

REMNANT LENGTHS: None.

Due to continual product improvements, Gates reserves the right to alter specs and prices without prior notice.



Acid-Chemical Hose

**Thermo AG® 800
(Ag Spray)
(Specification 4465)**

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	.69	17.5	800	5.52	25.0	635	4.0	102	.14	.06	300 ft.	X	4465-1361	\$2.46
3/8	9.5	.69	17.5	800	5.52	25.0	635	4.0	102	.14	.06	400 ft.	X	4465-1362	2.46
1/2	12.7	.84	21.3	800	5.52	25.0	635	5.0	127	.18	.08	300 ft.	X	4465-1371	3.13
1/2	12.7	.84	21.3	800	5.52	25.0	635	5.0	127	.18	.08	400 ft.	X	4465-1372	3.13
3/4	19.1	1.41	35.8	800	5.52	25.0	635	6.0	152	.30	.14	300 ft.	X	4465-1381	5.64
3/4	19.1	1.41	35.8	800	5.52	25.0	635	6.0	152	.30	.14	400 ft.	X	4465-1382	5.64

*Working pressure and suction at +72°F (+22°C).

RECOMMENDED FOR: Spraying lawns, trees and similar applications with diluted solutions of water and oil based pesticides and herbicides. For pesticides or herbicides containing more than 2% Toluene or Xylene, use Gates 77B.

TEMPERATURE: -10°F to +130°F (-23°C to +55°C). Maximum temperature dependent on pesticide/herbicide or chemicals conveyed. For temperatures above 120°F (+49°C), contact Denver Product Application (303) 744-5070.

CONSTRUCTION: **Tube:** Type G (PVC). Green
Reinforcement: Synthetic, high tensile textile cord.
Cover: Type G (PVC). Green. Striated.

COUPLINGS: , or , (multiple clamps required) or , Gates permanent Power Crimp® couplings. Reference pages 122-133.

PACKAGING: All lengths coiled in a polyethylene bag.

BRANDING: Continuous ink brand. Example: "1/2" 800 PSI WP SPRAY HOSE JAPAN"

SPECIAL ORDER REQUIREMENTS: None.

REMNANT LENGTHS: None.



Acid-Chemical Hose

77B

(Paint Spray and Chemical)

(Specification 3207NN/3207T)

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. Hg)	(mm Hg)	(In.)	(mm)	(Lbs.)	(Kg)				
1/4	6.4	.52	13.2	500	3.45	30.0	762	3.0	76	.09	.04	REEL	X	3207-0290	\$2.49
5/16	7.9	.59	15.0	500	3.45	30.0	762	3.0	76	.11	.05	REEL	X	3207-0291	2.93
3/8	9.5	.67	17.0	500	3.45	30.0	762	3.0	76	.14	.06	REEL	X	3207-0292	3.41
1/2	12.7	.87	22.1	750	5.17	25.0	635	5.0	127	.23	.10	REEL	X	3207-0294	4.98
3/4	19.1	1.16	29.5	750	5.17	25.0	635	6.0	152	.35	.16	REEL	X	3207-0296	7.67

RECOMMENDED FOR: Paint spray applications, as well as transfer of petroleum based products (aliphatic, aromatic and chlorinated hydrocarbon such as Toluene, Xylene, Benzene, gasoline and carbon tetrachloride). Reference Gates Chemical Resistance Table on page 136. Compatible with commercially available Bio-Diesel fuels up to B-100.
NOT RECOMMENDED FOR ACIDS.

TEMPERATURE: -40°F to +150°F (-40°C to +66°C) continuous service. **NOTE:** Contact Denver Product Application (303) 744-5070 when conveying chemicals above 120°F (+49°C).

CONSTRUCTION: **Tube:** Type Z (Special flexible nylon material). Clear.
Reinforcement: Synthetic, high tensile textile cord.
Cover: Type A (Neoprene). Black.

COUPLINGS: . Reference pages 122-133. For paint service: Binks 3 piece compression ring only.

PACKAGING: 1/4" through 1/2": Packaged in 600' to 800' reels. Maximum 4 pieces. One length 25' to 50'. Maximum of 2 lengths under 100'.
3/4": Packaged in 300' to 400' reels. Maximum 3 pieces. One length between 25' to 50'. All other lengths over 50'. Maximum 2 pieces under 100'.

BRANDING: Continuous ink print label. Example: " 77B PAINT SPRAY AND CHEMICAL 3/8 Inch (9.5mm) 500 PSI (3.45MPa) WP Made In U.S.A."

SPECIAL ORDER REQUIREMENTS: Special production runs require minimum order quantities of 5,000 feet for all sizes except 3/8". 3/8" requires 25,000 feet.

REMNANT LENGTHS: None.