

Acid-Chemical Hose

Mustang® (Specification 4695)



Nom. I.D.		Nom. O.D.		Maxi. W.P.		Suction		Min. Bend Radius		Kg. Per	Standard Pack	Part No.
(In.)	(mm)	(In.)	(mm)	(psi)	(Mpa)	(In. Hg)	(mm Hg)	(In.)	(mm)	(m.)	(m.)	
3/4	19.1	1.25	31.8	200	1.38	30.0	762	4.0	102	0.63	30	4695-0002
1	25.4	1.50	38.1	200	1.38	30.0	762	5.0	127	0.79	30	4695-0003
1 1/4	31.8	1.75	44.5	200	1.38	30.0	762	6.0	152	0.92	30	4695-0004
1 1/2	38.1	2.04	51.8	200	1.38	30.0	762	8.0	203	1.25	30	4695-0005
2	50.8	2.54	64.5	200	1.38	30.0	762	9.0	229	1.57	30	4695-0001
2 1/2	63.5	3.05	77.5	150	1.03	30.0	762	12.0	305	2.01	30	4695-0006
3	76.2	3.58	90.9	150	1.03	30.0	762	18.0	457	2.61	30	4695-0007
4	101.6	4.69	119.1	125	0.86	30.0	762	24.0	610	3.95	30	4695-0008

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) @ 100°C. Cleaning in place (CIP) methods may be used. Not recommended for "closed steam" cleaning.

Applications include over 950 basic chemicals that are building blocks for numerous chemicals used in a variety of industries. Please refer to the Gates Chemical Resistance Table for proper hose selection.

NOTE: For applications requiring greater than 90% sulphuric acid contact Gates Customer Service.

Temperature: -40°C to +121°C normal service. Mustang is designed to withstand fluid temperatures to +121°C; however the rating is dependent on the specific chemical conveyed. Contact Gates Customer Service for any chemical above +52°C.

Construction:


Tube: Type K (Gatron™ Modified Cross-linked Polyethylene). Tan. High chemical resistance.

Reinforcement: Synthetic, high tensile textile with steel wire helix for full suction capability and flexibility.

Cover: Type P (EPDM). Black corrugated with orange spiral stripe.

Packaging: 30m length coiled and wrapped in polyethylene..

Branding: Continuous transfer label.

Example:  Mustang® Acid-Chemical Suction/Discharge 200 PSI (1.38MPa) WP Made In U.S.A.

For your safety: Use Permanent Couplings above 125°F.

GATES VALUE POINT: GATRON™

Gates uses a proprietary material called Gatron in many of its Acid-Chemical hose. A blend of rigid cross-linked Polyethylene (XLPE) and a number of other polymers and additives. Gatron offers excellent resistance to a variety of acids and chemicals, while providing much better flexibility, higher temperature capability, improved coupling seal, and better resistance to coupling "spinning" in high temperature applications or cleaning operations when compared to competitive XLPE products.

Gatron is the tube material used in Mustang, Mustang CR, and Appaloosa. It is also used as a "back-up" tube for the FEP and UHMWPE liners in the Stallion, Stallion CR, and Renegade. This extra Gatron layer provides a safety factor in the event of a liner tear in the hose, and also adds to hose performance capabilities.

Gatron is a major reason why Gates Acid-Chemical hose are recognised as the premier line in the industry.