



Petroleum Transfer Hose

Sea Horse® (Fuel Transfer)

(Specification 4110SS)

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.
(In.)	(mm)	(In.)	(mm)	(psi)	(MPa)	(In. Hg)	(mm Hg)	(In.)	(mm)	(Lbs.)	(Kg)			
2	50.8	2.66	67.6	300	2.07	10.0	254	14.0	356	1.78	.64	200 ft.	X	4110-0701
2 1/2	63.5	3.16	80.3	300	2.07	10.0	254	17.0	432	2.16	.77	200 ft.	400 ft.	4110-0704
3	76.2	3.70	94.0	300	2.07	10.0	254	21.0	533	2.45	.98	200 ft.	X	4110-0707
4	101.6	4.70	119.4	300	2.07	10.0	254	28.0	711	3.14	1.27	200 ft.	X	4110-0710
5	127.0	5.84	148.3	300	2.07	10.0	254	35.0	889	4.50	1.88	200 ft.	X	4110-0713

RECOMMENDED FOR: Transfer of refined fuels (commercial gasoline, diesel fuel) oils and other petroleum products. Ideal for offshore/onshore transfer applications involving discharge service for diesel oils and other similar petroleum products where an extremely lightweight, flexible hose with a high rated working pressure and a small minimum bend radius is required. Transfer of water, petroleum based fluids, dilute acids, chemicals and abrasive slurries used in oil and gas well stimulation and fracing.

CAUTION: For bio-diesel and other alternative fuel applications, see Longhorn® AF. Petroleum transfer hoses may be used with all grades of bio-diesel only if the exposure is intermittent and the hose is drained between uses.

Transfer hoses are designed for intermittent contact with refined fuels and must be drained after use. Do not convey fuels over 120° F (+49°C).

TEMPERATURE: -40°F to +180°F (-40°C to +82°C) continuous service.

CONSTRUCTION: **Tube:** Type C (Nitrile). Black.
Reinforcement: Synthetic, high tensile textile with static wire.
Cover: Type A (Neoprene). Black with red spiral stripe.
Design Factor: 4:1

COUPLINGS: 14, 15, 71 all sizes. 26 2" and 2 1/2" only. Reference the Hose Coupling Section.

PACKAGING: 200' length coiled and wrapped in polyethylene.

BRANDING: Continuous transfer label. Example: "GATES® SEA HORSE® Fuel Transfer 300 PSI (2.07MPa) WP Made In U.S.A."

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.

STANDARDS: **Tube:** ARPM (Class A) High oil resistance.

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





Sea Horse® HW (Fuel Transfer Suction/ Discharge - Hardwall)

(Specification 4688SS)

Petroleum Transfer Hose

ACID-
CHEMICAL

AIR AND
MULTI-
PURPOSE

FOOD AND
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PRESSURE
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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.
(In.)	(mm)	(In.)	(mm)	(psi)	(MPa)	(In. Hg)	(mm Hg)	(In.)	(mm)	(Lbs.)	(Kg)			
2	50.8	2.78	70.6	300	2.07	30.0	762	10.0	254	1.60	.73	200 ft.	X	4688-0584
3	76.2	3.86	98.0	300	2.07	30.0	762	18.0	457	2.59	1.18	200 ft.	X	4688-0585
4	101.6	4.87	123.7	300	2.07	30.0	762	24.0	610	3.52	1.60	200 ft.	X	4688-0587
6	152.4	7.07	179.6	200	1.38	30.0	762	36.0	914	5.00	2.27	100 ft.	X	4688-0589
6	152.4	7.07	179.6	200	1.38	30.0	762	36.0	914	7.95	3.61	200 ft.	200 ft.	4688-0588

RECOMMENDED FOR: Transfer of refined fuels (commercial gasoline and diesel fuel) oils and other petroleum products. Ideal for offshore/onshore transfer applications involving suction and discharge service for diesel oils and other similar petroleum products where an extremely lightweight, hardwall, flexible hose with a high rated working pressure and a small minimum bend radius is required. Transfer of water, petroleum based fluids, dilute acids, chemicals and abrasive slurries used in oil and gas well stimulation and fracing.

CAUTION: For bio-diesel and other alternative fuel applications, see Longhorn® AF. Petroleum transfer hoses may be used with all grades of bio-diesel only if the exposure is intermittent and the hose is drained between uses.

Transfer hoses are designed for intermittent contact with refined fuels and must be drained after use. Do not convey fuels over 120° F (+49°C).

TEMPERATURE: -40°F to +180°F (-40°C to +82°C) continuous service.

CONSTRUCTION: **Tube:** Type C (Nitrile). Black.
Reinforcement: Synthetic, high tensile textile with steel wire helix.
Cover: Type A (Neoprene). Black with red spiral stripe.
Design Factor: 4:1

COUPLINGS: 14, 15 or 71. Reference the Hose Coupling Section.

PACKAGING: All lengths coiled and wrapped in polyethylene.

BRANDING: Continuous transfer label. Example: "GATES® SEA HORSE® HW Hardwall Fuel Transfer 300 PSI (2.07MPa) WP Made In U.S.A."

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.

STANDARDS: **Tube:** ARPM (Class A) High oil resistance.

