



Industrial Hose Products



39496-000
July 30, 2009
Supersedes 39496-000
July 30, 2007

Petroleum Transfer Hose

Longhorn®
(Specification 4688CC/4688DC)

Smooth Cover (4688CC)

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)			
1	25.4	1.50	38.1	150	1.03	30.0	762	3.0	76	.60	.27	200 ft.	400 ft.	4688-0454
1	25.4	1.50	38.1	150	1.03	30.0	762	3.0	76	.60	.27	100 ft.	X	4688-1305
1 1/4	31.8	1.75	44.5	150	1.03	30.0	762	4.0	102	.72	.33	100 ft.	X	4688-1306
1 1/2	38.1	2.02	51.3	150	1.03	30.0	762	4.0	102	.88	.36	100 ft.	X	4688-1307
1 1/2	38.1	2.02	51.3	150	1.03	30.0	762	4.0	102	.88	.36	200 ft.	400 ft.	4688-1493
2	50.8	2.52	64.0	150	1.03	30.0	762	6.0	152	1.12	.51	100 ft.	X	4688-1308
2	50.8	2.52	64.0	150	1.03	30.0	762	6.0	152	1.12	.51	200 ft.	400 ft.	4688-1342
2 1/2	63.5	3.05	77.5	150	1.03	30.0	762	8.0	203	1.50	.68	200 ft.	400 ft.	4688-0455
2 1/2	63.5	3.05	77.5	150	1.03	30.0	762	8.0	203	1.50	.68	100 ft.	X	4688-1309
3	76.2	3.58	90.9	150	1.03	30.0	762	9.0	229	1.90	.86	100 ft.	X	4688-1310
3	76.2	3.58	90.9	150	1.03	30.0	762	9.0	229	1.90	.86	200 ft.	400 ft.	4688-1343
4	101.6	4.62	117.4	150	1.03	30.0	762	12.0	305	2.65	1.20	100 ft.	X	4688-1311
4	101.6	4.62	117.4	150	1.03	30.0	762	12.0	305	2.65	1.20	200 ft.	400 ft.	4688-1344

Corrugated Cover (4688DC)

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	2.52	64.0	150	1.03	30.0	762	5.0	127	1.13	.51	100 ft.	X	4688-1351
3	76.2	3.58	90.9	150	1.03	30.0	762	8.0	203	1.78	.81	100 ft.	X	4688-1352
4	101.6	4.62	117.9	150	1.03	30.0	762	11.0	279	2.65	1.20	100 ft.	X	4688-1353
6	152.4	6.87	174.5	150	1.03	30.0	762	17.0	432	5.91	2.68	50 ft.	X	4688-1355

RECOMMENDED FOR: Transfer of refined fuels (commercial gasoline and diesel fuel), oils and other petroleum products. Ideal for oilfield service truck use. Service life of transfer hoses can be extended by draining hoses after use. 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.

TEMPERATURE: -40°F to +180°F (-40°C to +82°C). Warning: Do not convey fuels over 120°F (+49°C).

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

COUPLINGS: 7, 26, 49 or 78. (for ambient temperatures only). Reference the Hose Coupling Section.

PACKAGING: All lengths coiled and wrapped in polyethylene.

BRANDING: Continuous transfer label. Example: "GATES® Longhorn® Petroleum Transfer 150 PSI (1.03MPa) WP Made In U.S.A."

SPECIAL ORDER REQUIREMENTS: 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:** RMA (Class A) High oil resistance.

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

