



**Industrial Hose
Products/List Prices**



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

Material Handling Hose

609W

(Dry Cement Delivery)

(Specification 3129F, 3129H, 3129L)

1/8" Tube Thickness (3129L)

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	76.2	3.47	88.1	40	.28	—	—	36.0	914	1.30	.59	100 ft.	X	3129-0660	\$17.34
4	101.6	4.47	113.5	40	.28	—	—	48.0	1219	1.69	.77	100 ft.	X	3129-0670	20.19
4-1/2	114.3	4.97	126.2	35	.24	—	—	54.0	1372	1.89	.86	100 ft.	X	3129-0675	21.81
5	127.0	5.47	138.9	30	.21	—	—	60.0	1524	2.09	.95	100 ft.	X	3129-0680	23.86
6	152.4	6.47	164.3	25	.17	—	—	72.0	1829	2.48	1.13	100 ft.	X	3129-0690	28.52
6-5/8	168.3	7.10	180.3	20	.14	—	—	72.0	1829	2.73	1.24	100 ft.	200 ft.	3129-0700	32.11

3/16" Tube Thickness (3129H)

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.
4	101.6	4.61	117.1	60	.41	—	—	48.0	1219	2.21	1.00	100 ft.	X	3129-0790	\$23.22

1/4" Tube Thickness (3129F)

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.
4	101.6	4.73	120.1	60	.41	—	—	48.0	1219	2.69	1.22	100 ft.	X	3129-0570	\$26.25

RECOMMENDED FOR: Pneumatic transfer of bulk cement and other dry bulk materials.

TEMPERATURE: -40°F to +150°F (-40°C to +66°C) continuous service.

CONSTRUCTION: **Tube:** Type D₃ (Natural Rubber). Black. Static conductive.

Reinforcement: Synthetic, high tensile textile.

Cover: Type D (SBR). Black with gray spiral stripe.

COUPLINGS: , or . Reference pages 122-133.

PACKAGING: 100' length coiled and wrapped in polyethylene.

BRANDING: Continuous transfer label. Example: "Gates 609W Dry Cement Delivery — Static Conductive Tube 40 PSI (.28MPa) 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 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.



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Material Handling Hose

**688SB
(Bulk Commodity)
(Specification 4691L)**

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)				
2	50.8	2.77	70.4	60	.41	30.0	762	16.0	406	1.65	.75	100 ft.	X	4691-0305	\$24.70
2	50.8	2.77	70.4	60	.41	30.0	762	16.0	406	1.65	.75	200 ft.	400 ft.	4691-0306	24.70
3	76.2	3.81	96.8	60	.41	30.0	762	24.0	610	2.54	1.15	100 ft.	X	4691-0325	33.91
4	101.6	4.77	121.2	45	.31	30.0	762	32.0	813	3.21	1.46	100 ft.	X	4691-0340	44.26
4	101.6	4.77	121.2	45	.31	30.0	762	32.0	813	3.21	1.46	200 ft.	400 ft.	4691-4342	44.26
4-1/2	114.3	5.27	133.9	40	.28	30.0	762	36.0	914	3.57	1.62	50 ft.	X	4691-0355	52.66
5	127.0	5.77	146.6	40	.28	30.0	762	40.0	1016	3.93	1.78	50 ft.	X	4691-0360	57.20
6	152.4	6.76	171.7	40	.28	30.0	762	48.0	1219	4.65	2.11	50 ft.	X	4691-0346	62.23
6	152.4	6.76	171.7	40	.28	30.0	762	48.0	1219	4.65	2.11	200 ft.	400 ft.	4691-0349	62.23

RECOMMENDED FOR: Transfer of bulk materials via suction, gravity or pneumatic systems where abrasion resistance is the primary requirement. Examples: Dry cement, sand, gravel, feed, seed and slurries.

TEMPERATURE: -40°F to +150°F (-40°C to +66°C) continuous service.

CONSTRUCTION: **Tube:** Type D₃ (Natural Rubber). Black. Static conductive. 3/16" thick.
Reinforcement: Synthetic, high tensile textile with steel wire helix.
Cover: Type D (SBR). Black corrugated with gray spiral stripe.

COUPLINGS: , , or . Reference pages 122-133.

PACKAGING: All lengths coiled and wrapped in polyethylene.

BRANDING: Continuous transfer label. Example: 688SB Wet-Dry Bulk Commodity 60 PSI (.41MPa) 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 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.





Material Handling Hose

Hot Air Blower

(Specification 4691HA/4691HC)

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	2.08	52.8	130	.90	30.0	762	8.0	203	.89	.40	100 ft.	X	4691-0501	\$16.02
2	50.8	2.58	65.5	125	.86	30.0	762	9.0	229	1.13	.51	100 ft.	X	4691-0502	17.55
2-1/2	63.5	3.08	78.2	110	.76	30.0	762	14.0	356	1.43	.65	100 ft.	X	4691-0503	21.00
3	76.2	3.64	92.5	100	.69	30.0	762	18.0	457	1.89	.86	100 ft.	X	4691-0504	24.81
3-1/2	88.9	4.14	105.2	85	.59	30.0	762	21.0	533	2.17	.98	100 ft.	X	4691-0505	28.04
4	101.6	4.64	117.9	75	.52	30.0	762	24.0	610	2.44	1.11	100 ft.	X	4691-0506	30.81
5	127.0	5.74	145.8	55	.38	30.0	762	30.0	762	3.82	1.73	100 ft.	X	4691-0507	41.26
6	152.4	6.74	171.2	40	.28	30.0	762	36.0	914	4.52	2.05	100 ft.	X	4691-0508	47.44

RECOMMENDED FOR: Conveying hot air up to 350°F from blower or compressor to storage tank used in the transfer of dry bulk commodities. Can also be used for transferring mild chemicals at ambient temperatures.

TEMPERATURE: -40°F to +350°F (-40°C to +177°C) for hot air service.
-40°F to +125°F (-40°C to +52°C) for mild chemical transfer. For chemicals above 125°F or suitability for use with a specific chemical, contact Denver Product Application at (303) 744-5070.

CONSTRUCTION: **Tube:** Type P (EPDM). Black.
Reinforcement: Synthetic, high tensile textile with steel wire helix.
Cover: Type P (EPDM). Black with yellow spiral stripe.

COUPLINGS: . Reference pages 122-133.

PACKAGING: 100' length coiled and wrapped in polyethylene.

BRANDING: Continuous transfer label. Example: HOT AIR BLOWER 130 PSI (.90MPa) 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 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.



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39496-000
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Material Handling Hose

770SB

(Specification 4691V)

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			
1	25.4	1.39	35.3	50	.34	20.0	508	5.0	127	.49	.22	100 ft.	400 ft.	4691-0400	\$14.20
1-1/4	31.8	1.64	41.7	50	.34	20.0	508	5.0	127	.59	.27	100 ft.	X	4691-0405	14.35
1-1/2	38.1	1.89	48.0	50	.34	20.0	508	6.0	152	.68	.31	100 ft.	X	4691-0410	14.66
2	50.8	2.39	60.7	50	.34	20.0	508	8.0	203	.75	.34	100 ft.	X	4691-0420	15.15
2-1/2	63.5	2.89	73.4	50	.34	20.0	508	9.0	229	.91	.41	100 ft.	X	4691-0430	16.24
3	76.2	3.39	86.1	50	.34	20.0	508	10.0	254	1.19	.54	100 ft.	X	4691-0435	17.90
4	101.6	4.39	111.5	50	.34	20.0	508	15.0	381	1.49	.68	100 ft.	X	4691-0440	25.05
5	127.0	5.53	140.5	50	.34	20.0	508	20.0	508	2.73	1.24	50 ft.	X	4691-0450	38.92
6	152.4	6.53	165.9	50	.34	20.0	508	24.0	610	3.24	1.47	50 ft.	X	4691-0455	48.14

RECOMMENDED FOR: Light duty vacuum service in industrial and maintenance applications conveying air, dust, fine particles, leaves, grass, etc.

TEMPERATURE: -40°F to +150°F (-40°C to +66°C) continuous service.

CONSTRUCTION: **Tube:** Type D₃ (Natural Rubber). Black. Static conductive.
Reinforcement: Synthetic, high tensile textile with steel wire helix.
Cover: Type D (SBR). Black corrugated with gray spiral stripe.

COUPLINGS: , or . Reference pages 122-133.

PACKAGING: All lengths coiled and wrapped in polyethylene.

BRANDING: Continuous transfer label. Example: “ 770SB LT WT Vacuum Service Only 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 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.





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July 30, 2007
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Material Handling Hose

**429W
(Sand Blast)**

(Specification 4129A)

Nom. I.D.		Nom. O.D.		Max. W.P.		Suction		Min. Bend Radius		Wt. Per Ft.		Standard	Stock (X) or Minimum	Gates	List Price
(In.)	(mm)	(In.)	(mm)	(psi)	(MPa)	(In. Hg)	(mm Hg)	(In.)	(mm)	(Lbs.)	(Kg)	Pack	Order Qty.	Item No.	Per Ft.
1/2	12.7	1.23	31.2	150	1.03	25.0	635	5.0	127	.55	.25	50 ft.	X	4129-0085	\$7.64
3/4	19.1	1.50	38.1	150	1.03	15.0	381	8.0	203	.70	.32	50 ft.	X	4129-0086	10.00
1	25.4	1.63	41.4	150	1.03	5.0	127	12.0	305	.70	.32	50 ft.	X	4129-0256	12.35
1	25.4	1.87	47.5	150	1.03	5.0	127	12.0	305	1.01	.46	50 ft.	X	4129-0100	14.06
1-1/4	31.8	2.16	54.9	150	1.03	5.0	127	12.0	305	1.22	.55	50 ft.	X	4129-0105	16.88
1-1/2	38.1	2.37	60.2	135	.93	5.0	127	18.0	457	1.37	.62	50 ft.	X	4129-0150	18.80
2	50.8	2.94	74.7	120	.83	5.0	127	20.0	508	1.82	.83	50 ft.	X	4129-0200	23.81

RECOMMENDED FOR: Sand, shot blasting work and wherever abrasive materials are carried at high velocity.

TEMPERATURE: -40°F to +150°F (-40°C to +66°C) continuous service.

CONSTRUCTION: **Tube:** Type D₃ (Natural Rubber). Black. Static conductive.

Reinforcement: Synthetic, high tensile textile.

Cover: Type D (SBR). Black with yellow spiral stripe. All sizes are perforated.

COUPLINGS: . Reference pages 122-133.

PACKAGING: 50' length coiled and wrapped in polyethylene.

BRANDING: Continuous transfer label. Example: " 429W Sandblast 150 PSI (1.03MPa) WP Made In India"

SPECIAL ORDER REQUIREMENTS: Special production runs require minimum order quantities of 600 feet per size. If a special transfer label is required, contact Denver Industrial Hose Marketing for minimum quantity. All sizes are wrapped construction, 50 foot maximum length.

Specific cut lengths available through the Cut Length Program. Contact Customer Service for details.

REMNANT LENGTHS: None.

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



Material Handling Hose

Master-Flex® 300 EPDM

(Specification 7744)

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			
1	25.4	1.34	34.0	80	.55	28.0	711	4.0	102	.23	.10	100 ft.	X	7744-5201	\$3.17
1-1/4	31.8	1.61	40.9	70	.48	28.0	711	5.0	127	.30	.14	100 ft.	X	7744-5202	4.30
1-1/2	38.1	1.96	49.8	60	.41	28.0	711	6.0	152	.49	.22	100 ft.	X	7744-5203	4.82
2	50.8	2.49	63.2	60	.41	28.0	711	9.0	229	.69	.31	100 ft.	X	7744-5204	6.88
2-1/2	63.5	3.00	76.2	50	.34	28.0	711	11.0	279	.91	.41	100 ft.	X	7744-5205	10.48
3	76.2	3.60	91.4	50	.34	28.0	711	12.0	305	1.03	.47	100 ft.	X	7744-5206	13.25
4	101.6	4.69	119.1	45	.31	28.0	711	17.0	432	1.81	.82	100 ft.	X	7744-5207	22.23
6	152.4	6.86	174.2	35	.24	28.0	711	27.0	686	3.84	1.74	100 ft.	X	7744-5208	37.19

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

RECOMMENDED FOR: Suction and discharge applications where lightweight, flexible hose is needed for transferring mild diluted chemicals and agricultural spray solutions. Good for septic service and transferring light abrasives. Reference Gates Chemical Resistance Table on page 158.

TEMPERATURE: -30°F to +140°F (-34°C to +60°C) continuous service.

CONSTRUCTION: **Tube:** Type P (EPDM). Black.
Reinforcement: Polyethylene helix. Green.
Cover: Type G (PVC). Green and Black.

COUPLINGS: 1, 6, 7 or 49. Reference pages 122-133.

PACKAGING: All lengths coiled and wrapped in polyethylene.

BRANDING: Unlabeled.

SPECIAL ORDER REQUIREMENTS: None.

REMNANT LENGTHS: None.

STANDARDS: **Tube:** RMA (Class B) Medium oil resistance.





Material Handling Hose

Master-Flex® 400

(Specification 7744)

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			
1-1/2	38.1	1.88	47.8	40	.28	28.0	711	3.0	76	.38	.17	100 ft.	X	7744-6102	\$6.19
2	50.8	2.41	61.2	35	.24	28.0	711	4.0	102	.54	.25	100 ft.	X	7744-6103	8.90
2-1/2	63.5	2.98	75.7	35	.24	28.0	711	5.0	127	.77	.35	100 ft.	X	7744-6104	12.12
3	76.2	3.87	98.3	30	.21	28.0	711	6.0	152	1.05	.48	100 ft.	X	7744-6105	15.83
4	101.6	4.65	118.1	30	.21	28.0	711	8.0	203	1.68	.76	100 ft.	X	7744-6106	27.14
5	127.0	5.77	146.6	30	.21	28.0	711	9.0	229	2.40	1.09	100 ft.	1,000 ft	7744-6107	42.21
6	152.4	6.86	174.2	25	.17	28.0	711	12.0	305	3.18	1.44	100 ft.	X	7744-6108	48.70
8	203.2	9.10	231.1	25	.17	28.0	711	16.0	406	5.73	2.60	50 ft.	X	7744-6209	55.61

* Working Pressure and Suction at +72°F (+22°C).

RECOMMENDED FOR: Transfer of bulk materials via suction, pneumatic or gravity systems where abrasion resistance is the primary requirement and a static conductive hose is needed. Can also be used for vacuum or ducting service.

TEMPERATURE: -30°F to +140°F (-34°C to +60°C) continuous service.

CONSTRUCTION: **Tube:** SBR/NBR blend with carbon black for static dissipation. Black.
Reinforcement: Rigid PVC helix. Black.

COUPLINGS: 1, 6, 7 or 49. Reference pages 122-133.

PACKAGING: All lengths coiled and wrapped in polyethylene.

BRANDING: Unlabeled.

SPECIAL ORDER REQUIREMENTS: Special production runs require minimum order quantity of 1,000 feet per size. No deviations allowed to above product.

REMNANT LENGTHS: None.

STANDARDS: **Tube:** RMA (Class B) Medium oil resistance.