

Petroleum Hose

Fuel Master™ XTreme™ 150SD

Formerly - Longhorn® AF



Smooth Cover

Color	Hose I.D.		Hose O.D.		Max. W.P.		Vac.	MBR	Wt. Per ft	Length	Std. Pack	Pkg Code	Stock or MTO	Gates Item No.
	(in)		(mm)		(in)		(mm)	(psi)	(Bar)				(In. Hg)	
Black	1	25.4	1.50	38.1	150	10.3	30.0	3.0	.59	100	PLT	T	Stock	4688-1700
Black	1	25.4	1.50	38.1	150	10.3	30.0	3.0	.59	200	PLT	T	MTO	4688-1701
Black	1 1/4	31.8	1.75	44.5	150	10.3	30.0	4.0	.70	100	PLT	T	MTO	4688-1702
Black	1 1/4	31.8	1.75	44.5	150	10.3	30.0	4.0	.70	200	PLT	T	MTO	4688-1703
Black	1 1/2	38.1	2.02	51.3	150	10.3	30.0	4.0	.87	100	PLT	T	Stock	4688-1704
Black	1 1/2	38.1	2.02	51.3	150	10.3	30.0	4.0	.87	200	PLT	T	MTO	4688-1705
Black	2	50.8	2.52	64.0	150	10.3	30.0	6.0	1.10	100	PLT	T	Stock	4688-1706
Black	2	50.8	2.52	64.0	150	10.3	30.0	6.0	1.10	200	PLT	T	MTO	4688-1707
Black	2 1/2	63.5	3.05	77.5	150	10.3	30.0	8.0	1.47	100	PLT	T	MTO	4688-1708
Black	2 1/2	63.5	3.05	77.5	150	10.3	30.0	8.0	1.47	200	PLT	T	MTO	4688-1709
Black	3	76.2	3.53	89.7	150	10.3	30.0	9.0	1.86	100	PLT	T	Stock	4688-1710
Black	3	76.2	3.53	89.7	150	10.3	30.0	9.0	1.86	200	PLT	T	MTO	4688-1711
Black	4	101.6	4.57	116.1	150	10.3	30.0	12.0	2.59	100	PLT	T	Stock	4688-1712
Black	4	101.6	4.57	116.1	150	10.3	30.0	12.0	2.59	200	PLT	T	MTO	4688-1713

Corrugated Cover

Color	Hose I.D.		Hose O.D.		Max. W.P.		Vac.	MBR	Wt. Per ft	Length	Std. Pack	Pkg Code	Stock or MTO	Gates Item No.
	(in)		(mm)		(in)		(mm)	(psi)	(Bar)				(In. Hg)	
Black	1	25.4	1.50	38.1	150	10.3	30.0	3.0	.59	100	PLT	T	MTO	4688-1718
Black	1	25.4	1.50	38.1	150	10.3	30.0	3.0	.59	200	PLT	T	MTO	4688-1719
Black	1 1/4	31.8	1.75	44.5	150	10.3	30.0	4.0	.70	100	PLT	T	Stock	4688-1720
Black	1 1/4	31.8	1.75	44.5	150	10.3	30.0	4.0	.70	200	PLT	T	MTO	4688-1721
Black	1 1/2	38.1	2.02	51.3	150	10.3	30.0	4.0	.87	100	PLT	T	Stock	4688-1722
Black	1 1/2	38.1	2.02	51.3	150	10.3	30.0	4.0	.87	200	PLT	T	MTO	4688-1723
Black	2	50.8	2.52	64.0	150	10.3	30.0	6.0	.59	100	PLT	T	Stock	4688-1724
Black	2	50.8	2.52	64.0	150	10.3	30.0	6.0	.59	200	PLT	T	MTO	4688-1725
Black	2 1/2	63.5	3.05	77.5	150	10.3	30.0	8.0	1.47	100	PLT	T	MTO	4688-1726
Black	2 1/2	63.5	3.05	77.5	150	10.3	30.0	8.0	1.47	200	PLT	T	MTO	4688-1727
Black	3	76.2	3.53	89.7	150	10.3	30.0	9.0	1.86	100	PLT	T	Stock	4688-1728
Black	3	76.2	3.53	89.7	150	10.3	30.0	9.0	1.86	200	PLT	T	MTO	4688-1729
Black	4	101.6	4.57	116.1	150	10.3	30.0	12.0	2.59	100	PLT	T	MTO	4688-1730
Black	4	101.6	4.57	116.1	150	10.3	30.0	12.0	2.59	200	PLT	T	MTO	4688-1731

RECOMMENDED FOR: Fuel Master™ XTreme™ is designed and engineered specifically for constant contact use in the transfer of alternative fuels such as bio-diesel, bio-diesel blends, ethanol and ethanol blends. It can also be used for constant contact use in the transfer of commercial gasolines, diesel fuels, oils and other petroleum products. It is ideal for tank truck, terminal loading and in-plant operations.

CAUTION: Service life of transfer hoses can be extended by draining hoses after use.

TEMPERATURE: -30°F to +180°F (-34°C to +82°C). Warning: Do not convey fuels over +120°F (+49°C). Contact Denver Product Application (303) 744-5070 for use at temperature extremes.

CONSTRUCTION: **Tube:** Type C (Nitrile). Black.
Reinforcement: Synthetic, high tensile textile with steel wire helix.
Cover: Type C2 (Modified Nitrile). Black with red stripe.
Design Factor: 4:1

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

STANDARDS: **Tube:** ARPM (Class A) High oil-resistance.
Cover: ARPM (Class A) High oil-resistance.
 Meets MSHA Flame-resistant.

AGRICULTURE

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Petroleum Hose

Fuel Master™ XTreme™ 150SD MegaFlex® Formerly - Petroleum Drop 150SD MegaFlex®



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CHEMICAL RESISTANCE TABLE

Color	Hose I.D.		Hose O.D.		Max. W.P.		Vac.	MBR	Wt. Per ft	Length	Std. Pack	Pkg Code	Stock or MTO (ft)	Gates Item No.
	(in)	(mm)	(in)	(mm)	(psi)	(Bar)								
Red	2	50.8	2.45	62.2	150	10.3	30.0	2.0	.94	100	PLT	T	Stock	4688-2011
Red	2	50.8	2.45	62.2	150	10.3	30.0	2.0	1.13	200	PLT	T	MTO	4688-2012
Red	3	76.2	3.44	87.4	150	10.3	30.0	3.0	1.65	100	PLT	T	Stock	4688-2015
Red	3	76.2	3.44	87.4	150	10.3	30.0	3.0	1.78	200	PLT	T	MTO	4688-2016
Red	4	101.6	4.48	113.8	150	10.3	30.0	4.0	2.16	100	PLT	T	Stock	4688-2017
Red	4	101.6	4.48	113.8	150	10.3	30.0	4.0	2.16	200	PLT	T	MTO	4688-2018

RECOMMENDED FOR: Transfer of commercial gasoline, diesel fuels, oils and other petroleum products including bio-diesel, bio-diesel blends, ethanol and ethanol blends. It is ideal for tank truck, terminal loading and in-plant operations and oilfield service truck use where a super flexible, maximum kink-resistant fuel transfer hose is needed. Hose life can be extended by draining hose after use.

TEMPERATURE: -30°F to +180°F (-34°C to +82°C) continuous service.

CONSTRUCTION:
Tube: Type C (Nitrile). Black.
Reinforcement: Synthetic, high tensile textile with dual wire helix.
Cover: Type C2 (Modified Nitrile). Red corrugated with black stripe.
Design Factor: 4:1

COUPLINGS: 7, 26, 49 or 73. Crimp Sleeves (78) can be used with cam and groove type stems (49) at temperatures below +125°F (+52°C). Reference the Hose Coupling Section.

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

Petroleum Hose

Fuel Master™ 150SD

Formerly - Longhorn®



Smooth Cover

Color	Hose I.D.		Hose O.D.		Max. W.P.		Vac.	MBR	Wt. Per ft	Length	Std. Pack	Pkg Code	Stock or MTO	Gates Item No.
	(in)	(mm)	(in)	(mm)	(psi)	(Bar)								
Black	1	25.4	1.50	38.1	150	10.3	30.0	3.0	.54	100	PLT	T	Stock	4688-1305
Black	1	25.4	1.50	38.1	150	10.3	30.0	3.0	.54	200	PLT	T	MTO	4688-0454
Black	1 1/4	31.8	1.75	44.5	150	10.3	30.0	4.0	.71	100	PLT	T	Stock	4688-1306
Black	1 1/2	38.1	2.02	51.3	150	10.3	30.0	4.0	1.05	100	PLT	T	Stock	4688-1307
Black	1 1/2	38.1	2.02	51.3	150	10.3	30.0	4.0	1.05	200	PLT	T	MTO	4688-1493
Black	2	50.8	2.52	64.0	150	10.3	30.0	6.0	1.34	100	PLT	T	Stock	4688-1308
Black	2	50.8	2.52	64.0	150	10.3	30.0	6.0	1.34	200	PLT	T	MTO	4688-1342
Black	2 1/2	63.5	3.05	77.5	150	10.3	30.0	8.0	1.76	100	PLT	T	Stock	4688-1309
Black	2 1/2	63.5	3.05	77.5	150	10.3	30.0	8.0	1.76	200	PLT	T	MTO	4688-0455
Black	3	76.2	3.53	89.7	150	10.3	30.0	9.0	2.40	100	PLT	T	Stock	4688-1310
Black	3	76.2	3.53	89.7	150	10.3	30.0	9.0	2.40	200	PLT	T	MTO	4688-1343
Black	4	101.6	4.57	116.1	150	10.3	30.0	12.0	3.29	100	PLT	T	Stock	4688-1311
Black	4	101.6	4.57	116.1	150	10.3	30.0	12.0	3.29	200	PLT	T	MTO	4688-1344
Black	6	152.4	6.79	172.5	150	10.3	30.0	17.0	7.51	100	PLT	T	MTO	4688-1465

Corrugated Cover

Color	Hose I.D.		Hose O.D.		Max. W.P.		Vac.	MBR	Wt. Per ft	Length	Std. Pack	Pkg Code	Stock or MTO	Gates Item No.
	(in)	(mm)	(in)	(mm)	(psi)	(Bar)								
Black	2	50.8	2.52	64.0	150	10.3	30.0	5.0	1.08	100	PLT	T	Stock	4688-1351
Black	2 1/2	63.5	3.05	77.5	150	10.3	30.0	8.0	1.40	100	PLT	T	MTO	4688-1511
Black	3	76.2	3.53	89.7	150	10.3	30.0	8.0	2.67	100	PLT	T	Stock	4688-1352
Black	4	101.6	4.64	117.9	150	10.3	30.0	11.0	3.14	100	PLT	T	Stock	4688-1353
Black	6	152.4	6.79	172.5	150	10.3	30.0	17.0	7.51	50	PLT	T	Stock	4688-1355
Black	6	152.4	6.79	172.5	150	10.3	30.0	17.0	5.46	100	PLT	T	MTO	4688-1612
Black	6	152.4	6.79	172.5	150	10.3	30.0	17.0	5.91	200	PLT	T	Stock	4688-1362

RECOMMENDED FOR: Transfer of refined fuels (commercial gasoline and diesel fuel), oils and other petroleum products. Ideal for oilfield service truck use.

CAUTION: Service life of transfer hoses can be extended by draining hoses after use. For Bio-Diesel and other alternative fuel applications, see Fuel Master™ XTreme™. 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 (Chloroprene). Black corrugated with red stripe.
Design Factor: 4:1

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

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

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Petroleum Hose

Fuel Master™ 150SD MegaFlex® Formerly - Longhorn® MegaFlex®



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Color	Hose I.D.		Hose O.D.		Max. W.P.		Vac.	MBR	Wt. Per ft	Length	Std. Pack	Pkg Code	Stock or MTO	Gates Item No.
	(in)	(mm)	(in)	(mm)	(psi)	(Bar)	(In. Hg)	(in)	(Lbs.)	(ft)			(ft)	
Black	1	25.4	1.41	35.8	150	10.3	30.0	1.0	.46	100	PLT	T	MTO	4688-1732
Black	1 1/2	38.1	1.90	48.3	150	10.3	30.0	1.5	.72	100	PLT	T	Stock	4688-2031
Black	2	50.8	2.39	60.7	150	10.3	30.0	2.0	.86	100	PLT	T	Stock	4688-1733
Black	3	76.2	3.44	87.4	150	10.3	30.0	3.0	1.45	100	PLT	T	Stock	4688-1734
Black	4	101.6	4.48	113.8	150	10.3	30.0	4.0	2.29	100	PLT	T	Stock	4688-1735
Black	6	152.4	6.55	166.4	150	10.3	30.0	6.0	4.15	100	PLT	T	MTO	4688-2033

RECOMMENDED FOR: Transfer of refined fuels (commercial gasoline and diesel fuel), oils and other petroleum products. Ideal for tank truck, fuel farm, and oilfield service truck use where a super flexible, maximum kink-resistant fuel transfer hose is needed.

CAUTION: Service life of transfer hoses can be extended by draining hoses after use.

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 reinforcement with steel wire helix.
Cover: Type A (Chloroprene). Black corrugated with red stripe.
Design Factor: 4:1

COUPLINGS: 7, 26, 49 or 78. (for ambient temperatures only).

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

Petroleum Hose

Fuel Master™ 150SD LT MegaFlex® Formerly - Arctic Longhorn® MegaFlex®



Color	Hose I.D.		Hose O.D.		Max. W.P.		Vac.	MBR	Wt. Per ft	Length	Std. Pack	Pkg Code	Stock or MTO	Gates Item No.
	(in)	(mm)	(in)	(mm)	(psi)	(Bar)	(In. Hg)	(in)	(Lbs.)	(ft)			(ft)	
Blue	2	50.8	2.38	60.5	150	10.3	30.0	2.0	1.13	100	PLT	T	Stock	4688-2040
Blue	2	50.8	2.38	60.5	150	10.3	30.0	2.0	1.13	200	PLT	T	MTO	4688-2041
Blue	3	76.2	3.44	87.4	150	10.3	30.0	3.0	1.61	100	PLT	T	Stock	4688-2042
Blue	3	76.2	3.44	87.4	150	10.3	30.0	3.0	1.13	200	PLT	T	MTO	4688-2043
Blue	4	101.6	4.49	114.0	150	10.3	30.0	4.0	1.13	100	PLT	T	Stock	4688-2044
Blue	4	101.6	4.49	114.0	150	10.3	30.0	4.0	1.13	200	PLT	T	MTO	4688-2045

RECOMMENDED FOR: Transfer of refined fuels (commercial gasoline and diesel fuel), oils and other petroleum products. It is ideal for tank truck, fuel farm and oilfield service truck use where a super flexible cold weather fuel transfer hose is needed. Hose life can be extended by draining hose after use. Hose maintains flexibility down to -65°F.

CAUTION: Service life of transfer hoses can be extended by draining hoses after use.

TEMPERATURE: -65°F to +180°F (-54°C to +82°C) continuous service.

CONSTRUCTION:
Tube: Type C (Nitrile). Black.
Reinforcement: Synthetic, high tensile textile with dual wire helix.
Cover: Type A (Chloroprene). Blue corrugated with black stripe.
Design Factor: 4:1

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

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

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Petroleum Hose

Fuel Master™ 150D Formerly - Steer®



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Color	Hose I.D.		Hose O.D.		Max. W.P.		Vac.	MBR	Wt. Per ft	Length	Std. Pack	Pkg Code	Stock or MTO (ft)	Gates Item No.
	(in)	(mm)	(in)	(mm)	(psi)	(Bar)								
Black	2	50.8	2.44	62.0	150	10.3	—	—	.92	100	PLT	T	Stock	4688-1320
Black	2	50.8	2.44	62.0	150	10.3	—	—	.92	200	PLT	T	MTO	4688-1491
Black	3	76.2	3.45	87.6	150	10.3	—	—	1.37	100	PLT	T	Stock	4688-1321
Black	3	76.2	3.45	87.6	150	10.3	—	—	1.37	200	PLT	T	MTO	4688-1530
Black	4	101.6	4.51	114.6	150	10.3	—	—	2.03	100	PLT	T	Stock	4688-1322
Black	4	101.6	4.51	114.6	150	10.3	—	—	2.03	200	PLT	T	MTO	4688-1531

RECOMMENDED FOR: Transfer of refined fuels (commercial gasoline and diesel fuel), oils and other petroleum products. Ideal for oilfield service truck use.

CAUTION: Service life of transfer hoses can be extended by draining hoses after use. For Bio-Diesel and other alternative fuel applications, see Fuel Master™ XTreme™. 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: Braided, high tensile synthetic textile cord with static conductor.
Cover: Type A (Chloroprene). Black with red stripe.
Design Factor: 4:1

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

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

Petroleum Hose

Fuel Master™ 100SD

Formerly - Maverick™



Color	Hose I.D.		Hose O.D.		Max. W.P.		Vac.	MBR	Wt. Per ft	Length	Std. Pack	Pkg Code	Stock or MTO	Gates Item No.
	(in)	(mm)	(in)	(mm)	(psi)	(Bar)	(In. Hg)	(in)	(Lbs.)	(ft)			(ft)	
Red	2	50.8	2.48	63.0	100	6.9	30.0	4.0	1.11	100	PLT	T	Stock	4687-0251
Red	2	50.8	2.48	63.0	100	6.9	30.0	4.0	1.35	200	PLT	T	MTO	4687-0200
Red	3	76.2	3.50	88.9	100	6.9	30.0	6.0	1.71	100	PLT	T	Stock	4687-0252
Red	4	101.6	4.50	114.3	100	6.9	30.0	11.0	2.38	100	PLT	T	Stock	4687-0253

RECOMMENDED FOR: Transfer of refined fuels (commercial gasoline and diesel fuel), oils and other petroleum products. Ideal for oilfield service truck use.

CAUTION: Service life of transfer hoses can be extended by draining hoses after use. For Bio-Diesel and other alternative fuel applications, see Fuel Master™ XTreme™. 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 C2 (Modified Nitrile). Red corrugated with white stripe.
Design Factor: 4:1

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

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

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Petroleum Hose

Fuel Master™ PVC 65SD Formerly - Master-Flex® Fuel Delivery



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CHEMICAL RESISTANCE TABLE

Color	Hose I.D.	Hose O.D.	Max. W.P.*	Vac.*	MBR	Wt. Per ft	Length	Std. Pack	Pkg Code	Stock or MTO	Gates Item No.			
	(in)	(mm)	(in)	(mm)	(psi)	(Bar)	(In. Hg)	(in)	(Lbs.)	(ft)	(ft)			
Black	3	76.2	3.76	95.5	65	4.5	28.0	6.0	1.71	100	PLT	T	Stock	7744-7103
Black	4	101.6	4.79	121.7	65	4.5	28.0	8.0	2.44	100	PLT	T	Stock	7744-7104

NOTE: * Working Pressure and Vacuum at +72°F (+22°C).

RECOMMENDED FOR: Transfer of commercial gasolines, diesel fuel, oils and other petroleum products. Ideal for oilfield service truck use.

TEMPERATURE: -30°F to +130°F (-34°C to +55°C). Warning: Do not convey fuels over +120°F (+49°C).

CONSTRUCTION:
Tube: Type C3 (Modified Nitrile). Black.
Reinforcement: Polyester fabric with static wire.
Cover: Type G (PVC). Black with yellow helix.
Design Factor: 4:1

COUPLINGS: 6, 7, 49 or 78. Reference the Hose Coupling Section.

Fuel Master™ PVC 65SD Sleeve



Color	Hose I.D.		Wt. Per ea (Lbs.)	Length (ea)	Std. Pack	Pkg Code	Stock or MTO	Gates Item No.
	(in)	(mm)					(ea)	
Black	3	76.2	5.13	3	Ctn	T	MTO	7744-8103
Black	4	101.6	7.32	3	Ctn	T	MTO	7744-8104

RECOMMENDED FOR: Soft black PVC sleeve is designed to fit Gates Fuel Delivery Hose and provides a smooth banding surface.

INSTALLATION: Apply the sleeve by twisting in a clockwise direction. Use of an appropriate lubricant, i.e. soapy water solution, will simplify sleeve application and reduce possibility of damage to hose cover. Make sure sleeve is applied prior to coupling insertion.

AGRICULTURE

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AIR DUCT

AIR AND MULTI-PURPOSE

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MARINE AND ENGINE

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OILFIELD

PETROLEUM

PRESSURE WASH AND WASHDOWN

STEAM

WATER

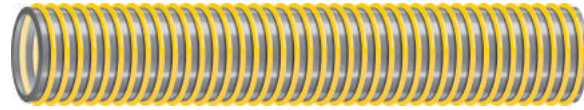
CLAMPS

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HOSE FINDER

CHEMICAL RESISTANCE TABLE

Fuel Master™ PVC Vapor Recovery 5SD
Formerly - Master-Flex® Vapor Recovery



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CHEMICAL RESISTANCE TABLE

Color	Hose I.D.	Hose O.D.	Max. W.P.*	Vac.*	MBR	Wt. Per ft	Length	Std. Pack	Pkg Code	Stock or MTO	Gates Item No.			
	(in)	(mm)	(in)	(mm)	(psi)	(Bar)	(In. Hg)	(in)	(Lbs.)	(ft)	(ft)			
Clear	1 1/2	38.1	1.88	47.8	5	.3	—	1.5	.36	100	Ctn	T	Stock	7744-7015
Clear	2	50.8	2.43	61.7	5	.3	—	2.0	.48	100	Ctn	T	Stock	7744-7020
Clear	3	76.2	3.54	89.9	5	.3	—	3.0	.69	100	Ctn	T	Stock	7744-7030
Clear	4	101.6	4.56	115.8	5	.3	—	4.0	.92	100	Ctn	T	Stock	7744-7040
Clear	5	127.0	5.51	140.0	5	.3	—	5.0	1.13	100	Ctn	T	Stock	7744-7050
Clear	6	152.4	6.52	165.6	5	.3	—	6.0	1.24	100	Ctn	T	Stock	7744-7060

NOTE: * Working Pressure and Vacuum at +72°F (+22°C).

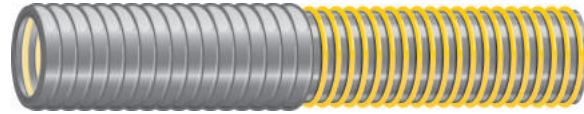
RECOMMENDED FOR: Vapor Recovery for use with Gates Fuel Master™ and Fuel Master™ PVC. Can also be used for ducting, dust and light abrasive material handling.

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

CONSTRUCTION:
Tube: Type U (Polyurethane). Clear.
Reinforcement: Rigid yellow PVC helix with copper static wire.
Cover: Type G (PVC). Clear with yellow helix.
Design Factor: N/A

COUPLINGS: 7, 26, 49 or 78. Reference the Hose Coupling Section.

Fuel Master™ PVC Vapor Recovery 5SD Sleeve



Color	Hose I.D.		Wt. Per ea (Lbs.)	Length (ea)	Std. Pack	Pkg Code	Stock or MTO (ea)	Gates Item No.
	(in)	(mm)						
Gray	3	76.2	5.13	3	Ctn	T	MTO	7744-8030
Gray	4	101.6	7.32	3	Ctn	T	Stock	7744-8040

RECOMMENDED FOR: Soft gray PVC sleeve is designed to fit Gates Vapor Recovery Hose and provides a smooth banding surface.

CONSTRUCTION: Design Factor: N/A

INSTALLATION: Apply the sleeve by twisting in a clockwise direction. Use of an appropriate lubricant, i.e. soapy water solution, will simplify sleeve application and reduce possibility of damage to hose cover. Make sure sleeve is applied prior to coupling insertion.

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CHEMICAL RESISTANCE TABLE

Petroleum Hose

Fuel Master™ Delivery 200 Formerly - Fuel Oil Delivery



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CHEMICAL RESISTANCE TABLE

Color	Hose I.D.	Hose O.D.	Max. W.P.	Vac.	MBR	Wt. Per ft	Length	Std. Pack	Pkg Code	Stock or MTO	Gates Item No.			
	(in)	(mm)										(in)	(mm)	(psi)
Red	1	25.4	1.50	38.1	200	13.8	10.0	8.0	.58	100	Ctn	T	Stock	3221-0410
Red	1	25.4	1.50	38.1	200	13.8	10.0	8.0	.58	125	Ctn	T	Stock	3221-0411
Red	1	25.4	1.50	38.1	200	13.8	10.0	8.0	.58	150	Ctn	T	Stock	3221-0412
Red	1	25.4	1.50	38.1	200	13.8	10.0	8.0	.58	175	Ctn	T	Stock	3221-0413
Red	1 1/4	31.8	1.75	44.5	200	13.8	10.0	10.0	.75	100	Ctn	T	Stock	3221-0414
Red	1 1/4	31.8	1.75	44.5	200	13.8	10.0	10.0	.75	125	Ctn	T	Stock	3221-0415
Red	1 1/4	31.8	1.75	44.5	200	13.8	10.0	10.0	.75	150	Ctn	T	Stock	3221-0416
Red	1 1/4	31.8	1.75	44.5	200	13.8	10.0	10.0	.75	175	Ctn	T	Stock	3221-0417
Red	1 3/8	34.9	1.87	47.5	200	13.8	10.0	10.0	.86	100	Ctn	T	Stock	3221-0418
Red	1 3/8	34.9	1.87	47.5	200	13.8	10.0	10.0	.86	125	Ctn	T	Stock	3221-0419
Red	1 3/8	34.9	1.87	47.5	200	13.8	10.0	10.0	.86	150	Ctn	T	Stock	3221-0420
Red	1 3/8	34.9	1.87	47.5	200	13.8	10.0	10.0	.86	175	Ctn	T	Stock	3221-0421
Red	1 1/2	38.1	2.08	52.8	200	13.8	10.0	12.0	.95	100	PLT	T	Stock	3221-0422
Red	1 1/2	38.1	2.08	52.8	200	13.8	10.0	12.0	.95	125	PLT	T	Stock	3221-0423
Red	1 1/2	38.1	2.08	52.8	200	13.8	10.0	12.0	.95	150	PLT	T	Stock	3221-0424
Red	1 1/2	38.1	2.08	52.8	200	13.8	10.0	12.0	.95	175	PLT	T	Stock	3221-0425
Red	1 1/2	38.1	2.08	52.8	200	13.8	10.0	12.0	.95	200	PLT	T	Stock	3221-0426

RECOMMENDED FOR: Transferring fuel oils, diesel fuel or commercial gasolines in applications at temperatures as low as -40°F (-40°C). Compatible with Bio-Diesel fuels up to B20. Hose remains flexible to -20°F (-29°C). For home and heavy-duty commercial service where an abrasion-resistant and non-marking cover is required.

CAUTION: Gasoline is normally conveyed below +120°F (+49°C).

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

CONSTRUCTION: **Tube:** Type C (Nitrile), Black.
Reinforcement: High tensile synthetic textile cord.
Cover: Type C4 (Carboxylated Nitrile), Red. Abrasion-resistant and non-marking.
Design Factor: 4:1

COUPLINGS: 26 or 49. Reference the Hose Coupling Section.

STANDARDS: **Tube:** ARPM (Class A) High oil-resistance.
Cover: Meets MSHA Flame-resistant.

Petroleum Hose

Fuel Master™ Delivery 200 Assemblies



Color	Hose I.D.		Hose O.D.		Max. W.P.		Vac.	MBR	Wt. Per ea	Length	Std. Pack	Pkg Code	Stock or MTO	Gates Item No.
	(in)	(mm)	(in)	(mm)	(psi)	(Bar)								
Red	1	25.4	1.50	38.1	200	13.8	10.0	8.0	64.20	100	Assy	T	MTO	3221-0075
Red	1	25.4	1.50	38.1	200	13.8	10.0	8.0	75.50	125	Assy	T	MTO	3221-0076
Red	1	25.4	1.50	38.1	200	13.8	10.0	8.0	90.00	150	Assy	T	MTO	3221-0077
Red	1	25.4	1.50	38.1	200	13.8	10.0	8.0	104.50	175	Assy	T	MTO	3221-0078
Red	1 1/4	31.8	1.75	44.5	200	13.8	10.0	10.0	79.00	100	Assy	T	MTO	3221-0079
Red	1 1/4	31.8	1.75	44.5	200	13.8	10.0	10.0	115.00	125	Assy	T	MTO	3221-0080
Red	1 1/4	31.8	1.75	44.5	200	13.8	10.0	10.0	121.00	150	Assy	T	MTO	3221-0081
Red	1 1/4	31.8	1.75	44.5	200	13.8	10.0	10.0	135.25	175	Assy	T	MTO	3221-0082
Red	1 3/8	34.9	1.87	47.5	200	13.8	10.0	10.0	84.00	100	Assy	T	MTO	3221-0083
Red	1 3/8	34.9	1.87	47.5	200	13.8	10.0	10.0	104.00	125	Assy	T	MTO	3221-0084
Red	1 3/8	34.9	1.87	47.5	200	13.8	10.0	10.0	137.00	150	Assy	T	MTO	3221-0085
Red	1 3/8	34.9	1.87	47.5	200	13.8	10.0	10.0	140.50	175	Assy	T	MTO	3221-0086
Red	1 1/2	38.1	2.08	52.8	200	13.8	10.0	12.0	100.00	100	Assy	T	MTO	3221-0087
Red	1 1/2	38.1	2.08	52.8	200	13.8	10.0	12.0	123.75	125	Assy	T	MTO	3221-0088
Red	1 1/2	38.1	2.08	52.8	200	13.8	10.0	12.0	135.00	150	Assy	T	MTO	3221-0089
Red	1 1/2	38.1	2.08	52.8	200	13.8	10.0	12.0	171.25	175	Assy	T	MTO	3221-0090
Red	1 1/2	38.1	2.08	52.8	200	13.8	10.0	12.0	195.00	200	Assy	T	MTO	3221-0095

NOTE: Coupled with Brass Internal Expansion Fittings Male/Female Swivel.

RECOMMENDED FOR: Transferring fuel oils, diesel fuel or commercial gasolines in applications at temperatures as low as -40°F (-40°C). Compatible with Bio-Diesel fuels up to B20. Hose remains flexible to -20°F (-29°C). For home and heavy-duty commercial service where an abrasion-resistant and non-marking cover is required.

CAUTION: Gasoline is normally conveyed below +120°F (+49°C).

TEMPERATURE: -40°F to +180°F (-40°C to +82°C) continuous service. NOTE: Diesel fuel normally conveyed below +120°F (+49°C).

CONSTRUCTION:
Tube: Type C (Nitrile). Black.
Reinforcement: High tensile synthetic textile cord.
Cover: Type C4 (Carboxylated Nitrile). Red. Abrasion-resistant and non-marking.
Design Factor: 4:1

COUPLINGS: 26 or 49. Reference the Hose Coupling Section.

STANDARDS:
Tube: ARPM (Class A) High oil-resistance.
Cover: Meets MSHA Flame-resistant.

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HOSE FINDER

CHEMICAL RESISTANCE TABLE

Petroleum Hose

LP350

Formerly - LP350, LP350X



LP350

Color	Hose I.D.		Hose O.D.		Max. W.P.		Vac.	MBR	Wt. Per ft	Length	Std. Pack	Pkg Code	Stock or MTO	Gates Item No.
	(in)	(mm)	(in)	(mm)	(psi)	(Bar)								
Black	1/4	6.4	.58	14.7	350	24.1	30.0	3.0	.14	700	Reel	EE	Stock	3220-1200
Black	1/4	6.4	.58	14.7	350	24.1	30.0	3.0	.14	3700	PLT	Y	MTO	3220-1201
Black	3/8	9.5	.74	18.8	350	24.1	30.0	3.0	.21	700	Reel	EE	Stock	3220-1202
Black	3/8	9.5	.74	18.8	350	24.1	30.0	3.0	.21	2000	PLT	Y	MTO	3220-1203
Black	1/2	12.7	.91	23.1	350	24.1	25.0	5.0	.28	700	Reel	EE	Stock	3220-1204
Black	1/2	12.7	.91	23.1	350	24.1	25.0	5.0	.28	1000	PLT	SS	Stock	3220-1205
Black	3/4	19.1	1.23	31.2	350	24.1	20.0	6.0	.44	100	Ctn	T	Stock	3220-1207
Black	3/4	19.1	1.23	31.2	350	24.1	20.0	6.0	.44	125	Ctn	T	Stock	3220-1208
Black	3/4	19.1	1.23	31.2	350	24.1	20.0	6.0	.44	150	Ctn	T	Stock	3220-1209
Black	3/4	19.1	1.23	31.2	350	24.1	20.0	6.0	.44	350	Reel	KK	Stock	3220-1206
Black	1	25.4	1.51	38.4	350	24.1	15.0	8.0	.66	100	Ctn	T	Stock	3220-1211
Black	1	25.4	1.51	38.4	350	24.1	15.0	8.0	.60	125	Ctn	T	Stock	3220-1212
Black	1	25.4	1.51	38.4	350	24.1	15.0	8.0	.60	150	Ctn	T	Stock	3220-1213
Black	1	25.4	1.51	38.4	350	24.1	15.0	15.0	.63	200	Ctn	T	MTO	3220-1216
Black	1	25.4	1.51	38.4	350	24.1	15.0	8.0	.60	350	Reel	KK	Stock	3220-1210
Black	1 1/4	31.8	1.85	47.0	350	24.1	10.0	10.0	.98	300	Reel	G	Stock	3220-0855
Black	1 1/2	38.1	2.25	57.2	350	24.1	10.0	12.0	1.26	60	Ctn	T	Stock	3320-0935
Black	2	50.8	2.86	72.6	350	24.1	10.0	14.0	1.84	50	Ctn	T	MTO	3320-0939
Black	2	50.8	2.86	72.6	350	24.1	10.0	14.0	1.81	60	Ctn	T	Stock	3320-0938
Black	3	76.2	3.88	98.6	350	24.1	10.0	24.0	2.58	60	Ctn	T	Stock	3320-0934

LP350 Power Crimp® Ferrules

Size	Wt. Per ea	Std. Pack	Pkg Code	Stock or MTO	Gates Item No.
(in)	(Lbs.)			(ea)	
3/4	.21	Bulk	150	Stock	7266-0735
3/4	.21	Bulk	1	Stock	7266-07355
1 1/2	.80	Bulk	20	Stock	7266-0734
1 1/2	.80	Bulk	1	Stock	7266-07345
2	1.72	Bulk	12	Stock	7266-0733
2	1.72	Bulk	1	Stock	7266-07335

NOTE: These ferrules are to be used with LP350 hose only.

RECOMMENDED FOR: Liquid or gaseous propane, butane or any combination of these two mixtures. Can be used for natural gas (not to exceed 50 psi) under certain conditions such as: open/outside areas and well ventilated factory buildings (if local building codes permit).

CAUTION: Not recommended for residential, office buildings or as fuel line hose on compressed natural gas vehicles. Contact Denver Product Application (303) 744-5070 for inspection and assembly testing information.

TEMPERATURE: -40°F to +180°F (-40°C to +82°C) continuous service. Warning: Do not convey LP Gas over +140°F (60°C).

CONSTRUCTION: **Tube:** Type A (Chloroprene). Black. 1 1/2" - 3".
Type C (Nitrile). Black. 1/4" - 1 1/4".
Reinforcement: Braided, synthetic high tensile cord. 1 1/4" - 3".
High tensile synthetic textile cord. 1/4" - 1".
Cover: Type A (Chloroprene). Black. All sizes are perforated.
Design Factor: 5:1




COUPLINGS: 72 Gates Power Crimp® for 3/4", 1 1/2" and 2" I.D. or 75 Gates GLX® sizes 1/4" to 1 1/4". For Power Crimp® ferrules, reference the Hose Coupling Section. Do not use male swivel, reusable or O-ring type couplings. For 3" I.D. use Dixon LP Boss only.

STANDARDS: CAN/CGA-8.1-M86.
NFPA 58, Section 8-3.5.
Underwriters Laboratories Standard No. 21. (Applies to all sizes).

Petroleum Hose

LPG Vapor 125



Color	Hose I.D.		Hose O.D.		Max. W.P.		Vac.	MBR	Wt. Per ft	Length	Std. Pack	Pkg Code	Stock or MTO	Gates Item No.
	(in)	(mm)	(in)	(mm)	(psi)	(Bar)	(In. Hg)	(in)	(Lbs.)	(ft)			(ft)	
Black	3/16	4.8	.44	11.2	125	8.6	30.0	2.0	.08	700	Reel	AA	Stock	3220-0451
Black	1/4	6.4	.53	13.5	125	8.6	30.0	3.0	.11	700	Reel	AA	Stock	3220-0456
Black	3/8	9.5	.66	16.8	125	8.6	25.0	3.0	.14	700	Reel	AA	Stock	3220-0461

RECOMMENDED FOR: Flexible connector for conveying low-pressure LPG (vapor only) to many types of farm and industrial heating applications; e.g., space heaters.

CAUTION: This hose should not be used for liquid LPG or in UL approved appliances such as barbecue grills.

TEMPERATURE: -30°F to +150°F (-34°C to +66°C) continuous service.

CONSTRUCTION: **Tube:** Type C (Nitrile). Black.
Reinforcement: High tensile synthetic textile cord.
Cover: Type A (Chloroprene). Black.
Design Factor: 5:1

STANDARDS: Underwriters Laboratories Standard No. 569. (Applies to hose assemblies only).

AGRICULTURE

AIR BREATHING

AIR DUCT

AIR AND MULTI-PURPOSE

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CHEMICAL RESISTANCE TABLE

Petroleum Hose

Fuel Master™ Curb Pump 150 Formerly - Blacksnake®



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CHEMICAL RESISTANCE TABLE

Color	Hose I.D.	Hose O.D.	Max. W.P.	Vac.	MBR	Wt. Per ft	Length	Std. Pack	Pkg Code	Stock or MTO	Gates Item No.			
	(in)	(mm)										(in)	(mm)	(psi)
Black	5/8	15.9	1.00	25.4	150	10.3	30.0	6.0	.37	500	Reel	Z	Stock	3624-0001
Black	3/4	19.1	1.13	28.7	150	10.3	30.0	6.0	.42	500	Reel	Z	Stock	3624-0002
Black	1	25.4	1.38	35.1	150	10.3	30.0	8.0	.57	500	Reel	Z	Stock	3624-0003

RECOMMENDED FOR: Dispensing all types of commercial gasolines or other petroleum-based products, from service station pumps (curb pump). A heavy-duty hardwall hose which does not collapse in reel use or behind the nozzle in heavy-duty service.

TEMPERATURE: -40°F to +120°F (-40°C to +49°C) continuous service.

CONSTRUCTION:
Tube: Type C (Nitrile). Black.
Reinforcement: Braided, high tensile steel wire.
Cover: Type J (CPE). Black. 5/8" and 3/4" smooth, 1" wrapped.
Design Factor: 5:1

COUPLINGS: 24. Reference the Hose Coupling Section.

STANDARDS: Underwriters Laboratories Standard No. UL330 (USA) and ULC-S612-99 (Canada).
Tube: ARPM (Class A) High oil-resistance.

Petroleum Hose

Fuel Master™ Diesel Curb Pump 150



Color	Hose I.D.		Hose O.D.		Max. W.P.		Vac.	MBR	Wt. Per ft	Length	Std. Pack	Pkg Code	Stock or MTO	Gates Item No.
	(in)		(mm)		(in)		(mm)	(psi)	(Bar)				(In. Hg)	
Green	3/4	19.1	1.13	28.7	150	10.3	30.0	6.0	.42	500	Reel	Z	MTO	3624-1007
Green	7/8	22.2	1.22	31.0	150	10.3	30.0	7.0	.42	500	Reel	Z	Stock	3624-1008
Green	1	25.4	1.38	35.1	150	10.3	30.0	8.0	.53	500	Reel	Z	Stock	3624-1009

RECOMMENDED FOR: Dispensing of all types of petroleum diesel fuels and Bio-Diesel blends from service station pumps. A heavy-duty hardwall hose which does not collapse in reel use or behind the nozzle in heavy-duty service.

TEMPERATURE: -40°F to +120°F (-40°C to +49°C) continuous service.

CONSTRUCTION:
Tube: Type C (Nitrile). Black.
Reinforcement: Braided, high tensile steel wire.
Cover: Type J (CPE). Green. Smooth cover.
Design Factor: 5:1

COUPLINGS: 24. Reference the Hose Coupling Section.

STANDARDS: Underwriters Laboratories Standard No. UL330 (USA) and ULC-S612 (Canada).
Tube: ARPM (Class A) High oil-resistance.

AGRICULTURE

AIR BREATHING

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