

Food and Beverage Hose

Food Master® PVC (20-65) Clear



AGRICULTURE
AIR BREATHING
AIR DUCT
AIR AND MULTI-PURPOSE
CHEMICAL
FOOD AND BEVERAGE
MARINE AND ENGINE
MATERIAL HANDLING
MINING
OILFIELD
PETROLEUM
PRESSURE WASH AND WASHDOWN
STEAM
WATER
CLAMPS
COUPLINGS AND FERRULES
HOSE FINDER
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)	
Clear	1/8	3.2	.20	4.8	65	4.5	—	—	.02	100	Ctn	T	Stock	7744-1512
Clear	3/16	4.8	.25	6.4	50	3.4	—	—	.03	100	Ctn	T	Stock	7744-1513
Clear	3/16	4.8	.38	9.7	60	4.1	—	—	.04	100	Ctn	T	Stock	7744-1514
Clear	1/4	6.4	.38	9.7	55	3.8	—	—	.03	100	Ctn	T	Stock	7744-1515
Clear	1/4	6.4	.50	12.7	60	4.1	—	—	.08	100	Ctn	T	Stock	7744-1516
Clear	5/16	7.9	.44	11.2	50	3.4	—	—	.04	100	Ctn	T	Stock	7744-1517
Clear	5/16	7.9	.56	14.2	60	4.1	—	—	.10	100	Ctn	T	Stock	7744-1518
Clear	3/8	9.5	.50	12.7	45	3.1	—	—	.06	100	Ctn	T	Stock	7744-1519
Clear	3/8	9.5	.63	16.0	55	3.8	—	—	.12	100	Ctn	T	Stock	7744-1520
Clear	1/2	12.7	.63	16.0	30	2.1	—	—	.07	100	Ctn	T	Stock	7744-1521
Clear	1/2	12.7	.75	19.1	45	3.1	—	—	.13	100	Ctn	T	Stock	7744-1522
Clear	5/8	15.9	.75	19.1	25	1.7	—	—	.08	100	Ctn	T	Stock	7744-1523
Clear	5/8	15.9	.88	22.4	40	2.8	—	—	.16	100	Ctn	T	Stock	7744-1524
Clear	3/4	19.1	1.00	25.4	35	2.4	—	—	.19	100	Ctn	T	Stock	7744-1525
Clear	3/4	19.1	1.25	31.8	45	3.1	—	—	.43	100	Ctn	T	Stock	7744-1526
Clear	1	25.4	1.25	31.8	25	1.7	—	—	.21	100	Ctn	T	Stock	7744-1527
Clear	1	25.4	1.50	38.1	35	2.4	—	—	.54	100	Ctn	T	Stock	7744-1528
Clear	1 1/4	31.8	1.50	38.1	20	1.4	—	—	.28	50	PLT	T	Stock	7744-1529
Clear	1 1/4	31.8	1.75	44.5	40	2.8	—	—	.67	50	PLT	T	Stock	7744-1530
Clear	1 1/2	38.1	2.00	50.8	35	2.4	—	—	.85	50	PLT	T	Stock	7744-1531
Clear	2	50.8	2.50	63.5	35	2.4	—	—	.85	50	PLT	T	Stock	7744-1532

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

RECOMMENDED FOR: This hose has good oil-resistance, excellent resistance to acids, alkalis, and many solvents except esters, ketones and aromatic hydrocarbons. Formulated to meet applicable FDA criteria.

TEMPERATURE: -25°F to +150°F (-31°C to +65°C) continuous service.

CONSTRUCTION: **Tube:** Type G (PVC). Non-toxic. Clear. Phthalate-Free.

Reinforcement: None.

Cover: Type G (PVC). Non-toxic. Clear. Smooth.

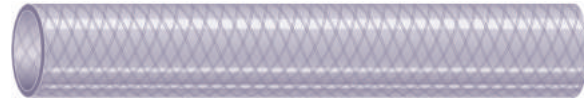
COUPLINGS: 19 or stainless steel. Reference the Hose Coupling Section.

STANDARDS: Meets applicable FDA.

Food and Beverage Hose

Food Master® PVC Clear Tubing (75-250) Braid

Formerly - Tufflex® Food



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)								
Clear	1/4	6.4	.47	11.9	250	17.2	—	—	.07	300	PLT	T	Stock	7744-4501
Clear	3/8	9.5	.63	16.0	200	13.8	—	—	.11	300	PLT	T	Stock	7744-4502
Clear	1/2	12.7	.75	19.1	200	13.8	—	—	.13	300	PLT	T	Stock	7744-4503
Clear	5/8	15.9	.88	22.4	200	13.8	—	—	.15	300	PLT	T	Stock	7744-4504
Clear	3/4	19.1	1.03	26.2	150	10.3	—	—	.20	300	PLT	T	Stock	7744-4505
Clear	1	25.4	1.31	33.3	125	8.6	—	—	.32	100	PLT	T	Stock	7744-4506
Clear	1 1/4	31.8	1.75	44.5	100	6.9	—	—	.63	100	PLT	T	Stock	7744-4507
Clear	1 1/2	38.1	2.00	50.8	75	5.2	—	—	.74	100	PLT	T	Stock	7744-4508
Clear	2	50.8	2.50	63.5	75	5.2	—	—	1.00	100	PLT	T	Stock	7744-4509

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

RECOMMENDED FOR: Transferring compressed liquid and air in food and beverage applications. Approved for use in USDA meat and poultry plants. Non-toxic, FDA formula approved for food processing. Also suitable for potable water transfer.

TEMPERATURE: -10°F to +130°F (-23°C to +55°C) continuous service.

CONSTRUCTION: **Tube:** Type G (PVC). Non-toxic. Clear.
Reinforcement: Synthetic reinforcement.
Cover: Type G (PVC). Non-toxic. Clear. Smooth.
Design Factor: 4:1

COUPLINGS: Stainless Steel Food Grade.

STANDARDS: Meets FDA requirements and USDA.

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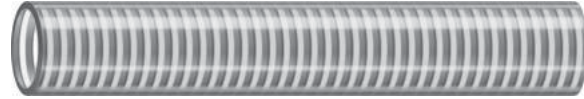
COUPLINGS AND FERRULES

HOSE FINDER

CHEMICAL RESISTANCE TABLE

Food and Beverage Hose

Food Master® PVC (50-100) SD Clear Formerly - Master-Flex® 200CL



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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)								
Clear	1	25.4	1.29	32.8	100	6.9	28.0	3.0	.30	100	PLT	T	Stock	7744-4101
Clear	1 1/4	31.8	1.56	39.6	90	6.2	28.0	4.0	.38	100	PLT	T	Stock	7744-4102
Clear	1 1/2	38.1	1.84	46.7	90	6.2	28.0	5.0	.48	100	PLT	T	MTO	7744-4103
Clear	2	50.8	2.39	60.7	70	4.8	28.0	6.0	.71	100	PLT	T	MTO	7744-4104
Clear	2 1/2	63.5	2.92	74.2	65	4.5	28.0	8.0	.97	100	PLT	T	Stock	7744-4105
Clear	3	76.2	3.46	87.9	60	4.1	28.0	9.0	1.27	100	PLT	T	Stock	7744-4106
Clear	4	101.6	4.56	115.8	50	3.4	28.0	12.0	2.00	100	PLT	T	MTO	7744-4107

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

RECOMMENDED FOR: Transfer of bulk food products via suction, pneumatic or gravity systems where sanitary hose is required.

TEMPERATURE: -10°F to +130°F (-23°C to +55°C) continuous service.

CONSTRUCTION:
Tube: Type G (PVC). Sanitary FDA. Clear. Smooth.
Reinforcement: Rigid thermoplastic reinforcement. Clear.
Cover: Type G (PVC). Sanitary FDA. Clear. Smooth.
Design Factor: 3:1

COUPLINGS: 1, 6, 7 or 49. Reference the Hose Coupling Section.

STANDARDS: Meets FDA requirements, 3A-Class 3 and USDA.

Food and Beverage Hose

Food Master® PVC (35-50) SD Clear

Formerly - Master-Flex® 201CR



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	25.4	1.26	32.0	40	2.8	28.0	2.0	.14	100	PLT	T	Stock	7744-4301
Clear	1 1/4	31.8	1.61	40.9	50	3.4	28.0	3.0	.28	100	PLT	T	Stock	7744-4302
Clear	1 1/2	38.1	1.82	46.2	50	3.4	28.0	3.0	.37	100	PLT	T	MTO	7744-4303
Clear	2	50.8	2.44	62.0	40	2.8	28.0	4.0	.57	100	PLT	T	MTO	7744-4304
Clear	2 1/2	63.5	2.98	75.7	40	2.8	28.0	5.0	.77	100	PLT	T	MTO	7744-4305
Clear	3	76.2	3.54	89.9	35	2.4	28.0	6.0	1.04	100	PLT	T	MTO	7744-4306
Clear	4	101.6	4.65	118.1	35	2.4	28.0	8.0	1.65	100	PLT	T	Stock	7744-4307

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

RECOMMENDED FOR: Transfer of bulk food products via suction, pneumatic or gravity systems where sanitary hose is required.

TEMPERATURE: -10°F to +130°F (-23°C to +55°C) continuous service.

CONSTRUCTION: **Tube:** Type G (PVC). Sanitary FDA. Clear. Smooth.
Reinforcement: Rigid thermoplastic helix. Clear.
Cover: Type G (PVC). Sanitary FDA. Clear. Corrugated.
Design Factor: 3:1

COUPLINGS: 1, 6, 7 or 49. Reference the Hose Coupling Section.

STANDARDS: Meets FDA requirements and USDA.

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HOSE FINDER

CHEMICAL RESISTANCE TABLE

Food and Beverage Hose

Food Master® PVC Dry Goods (35-40) SD Clear

Formerly - Master-Flex® 202SW



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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	2	50.8	2.37	60.2	40	2.8	28.0	4.0	.58	100	PLT	T	Stock	7744-4420
Clear	2 1/2	63.5	3.01	76.5	40	2.8	28.0	4.0	.85	100	PLT	T	MTO	7744-4425
Clear	3	76.2	3.62	91.9	35	2.4	28.0	6.0	1.02	100	PLT	T	MTO	7744-4430
Clear	4	101.6	4.54	115.3	35	2.4	28.0	8.0	1.36	100	PLT	T	Stock	7744-4440

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

RECOMMENDED FOR: Transfer of bulk food products via suction, pneumatic or gravity systems where sanitary hose is required. Used in pneumatic conveying systems for powders, pellets or granular materials where a static-conductive hose is needed.

TEMPERATURE: -10°F to +130°F (-23°C to +55°C) continuous service.

CONSTRUCTION:
Tube: Type G (PVC). Sanitary FDA. Clear. Smooth.
Reinforcement: Rigid thermoplastic helix. Clear. Embedded static wire to prevent a buildup of static electricity.
Cover: Type G (PVC). Sanitary FDA. Clear. Corrugated.
Design Factor: 3:1

COUPLINGS: 1, 6, 7 or 49. Reference the Hose Coupling Section.

STANDARDS: Meets FDA requirements and USDA.