





# Air Master™ SCUBA 500



- AGRICULTURE
- AIR BREATHING
- AIR DUCT
- AIR AND MULTI-PURPOSE
- CHEMICAL
- FOOD AND BEVERAGE
- ENGINE AND MARINE
- 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	Gates Item No.
	(in)	(mm)	(in)	(mm)	(psi)	(Bar)	(In. Hg)	(in)	(Lbs.)	(ft)			
Black	1/4	6.4	.51	13.0	500	34.5	—	2.7	.09	550	REEL	CC	4218-1002
Black	5/16	7.9	.56	14.2	500	34.5	—	2.8	.10	550	REEL	CC	4218-0004
Yellow	1/4	6.4	.51	13.0	500	34.5	—	2.7	.09	550	REEL	CC	4218-0009
Yellow	5/16	7.9	.56	14.2	500	34.5	—	2.8	.01	550	REEL	CC	4218-0010

**NOTE:** Working pressure decreases as temperature increases. Pressure ratings can only be obtained with proper coupling procedures.

**RECOMMENDED FOR:** Handling mixtures of oxygen, helium, and nitrogen gases customarily used in diving applications as air breathing hose. The kink-resistant hose is designed for extra-long wear under normal operating use. For use in SCUBA applications involving regulated supply of air to breathing mask, buoyancy compensator, and other diving accessories. Used in recreational, salvage, and oil rig service diving applications.

**TEMPERATURE:** -20°F to +120°F (-40°C to +29°C) continuous service.

**CONSTRUCTION:**  
**Tube:** Type C (Nitrile), Black.  
**Reinforcement:** Braided, synthetic textile.  
**Cover:** Type A (Chloroprene), Black with orange stripe. All sizes are perforated.  
 Type C2 (Modified Nitrile), Yellow. All sizes are perforated.  
**Design Factor:** 4:1

**COUPLINGS:** Corrosion-resistant couplings supplied and applied by diving contractors.

**STANDARDS:** Meets BS EN250:2014. Cleanliness: Length of hose is rinsed with water for 30 seconds to 1 minute, followed by a sponge plug blown through hose to remove water. A second alcohol-soaked sponge is then blown through hose, followed by air for 30 seconds.



**Air Master™ Respirator 500**



Color	Hose I.D.		Hose O.D.		Max. W.P.		Vac.	MBR	Wt. Per ft	Length	Std. Pack	Pkg Code	Gates Item No.
	(in)	(mm)	(in)	(mm)	(psi)	(Bar)							
Black	1/4	6.4	.51	13.0	500	34.5	—	3.0	.13	600	REEL	UU	3232-1001
Black	3/8	9.5	.70	17.8	500	34.5	—	3.0	.18	650	REEL	UU	3232-1002

- RECOMMENDED FOR:** Handling mixtures of oxygen, helium and nitrogen gases customarily used in applications as air breathing hose. The kink-resistant hose is designed for extra-long wear under normal operating use. For applications involving SCBA such as firefighting, barrier suits, mining.
- TEMPERATURE:** -20°F to +120°F (-40°C to +29°C) continuous service.
- CONSTRUCTION:** **Tube:** Type C (Nitrile), Black.  
**Reinforcement:** Braided, synthetic textile.  
**Cover:** Type A (Chloroprene), Black. All sizes are perforated.  
**Design Factor:** 4:1
- STANDARDS:** NIOSH Air Supply Line – System Certification only. No hose specific requirement, NFPA 1901/1981.

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# Air Duct (8-20) SD

Formerly - 163SB



Color	Hose I.D.		Hose O.D.		Max. W.P.		Vac.	MBR	Wt. Per ft	Length	Std. Pack	Pkg Code	Gates Item No.
	(in)	(mm)	(in)	(mm)	(psi)	(Bar)							
Black	3/4	19.1	1.00	25.4	20	1.4	15.0	1.0	.20	10	CTN	T	4663-1516
Black	1	25.4	1.25	31.8	20	1.4	15.0	1.0	.26	10	CTN	T	4663-1518
Black	1 1/4	31.8	1.50	38.1	20	1.4	15.0	1.0	.34	10	CTN	T	4663-1530
Black	1 3/8	34.9	1.62	41.1	15	1.0	15.0	1.5	.44	10	CTN	T	4663-3321
Black	1 1/2	38.1	1.75	44.5	15	1.0	15.0	1.5	.48	10	CTN	T	4663-1540
Black	1 5/8	41.3	1.88	47.8	15	1.0	15.0	1.8	.51	10	CTN	T	4663-1543
Black	1 3/4	44.5	2.00	50.8	15	1.0	15.0	1.8	.54	10	CTN	T	4663-3954
Black	1 7/8	47.6	2.12	53.8	15	1.0	15.0	1.8	.58	10	CTN	T	4663-1548
Black	2	50.8	2.25	57.2	15	1.0	15.0	2.0	.60	10	CTN	T	4663-1550
Black	2 1/8	54.0	2.31	58.7	10	.7	15.0	2.5	.63	10	CTN	T	4663-3461
Black	2 1/4	57.2	2.50	63.5	10	.7	15.0	2.5	.67	10	CTN	T	4663-1556
Black	2 3/8	60.3	2.62	66.5	10	.7	15.0	2.5	.71	10	CTN	T	4663-1560
Black	2 1/2	63.5	2.75	69.9	10	.7	15.0	2.5	.74	10	CTN	T	4663-1565
Black	2 5/8	66.7	2.88	73.2	10	.7	15.0	3.0	.78	10	CTN	T	4663-1615
Black	2 3/4	69.9	3.00	76.2	10	.7	15.0	7.0	.81	10	CTN	T	4663-3456
Black	3	76.2	3.25	82.6	10	.7	7.0	10.0	.88	10	CTN	T	4663-1570
Black	3 1/8	79.4	3.38	85.9	10	.7	7.0	10.0	.92	10	CTN	T	4663-1569
Black	3 1/2	88.9	3.75	95.3	10	.7	7.0	10.0	1.01	10	CTN	T	4663-1575
Black	4	101.6	4.25	108.0	10	.7	7.0	12.0	1.15	10	CTN	T	4663-1580
Black	4 1/2	114.3	4.75	120.7	10	.7	7.0	12.0	1.25	10	CTN	T	4663-1589
Black	5	127.0	5.25	133.4	10	.7	6.0	12.0	1.40	10	CTN	T	4663-1595
Black	5 1/2	139.7	5.75	146.1	10	.7	6.0	12.0	1.52	10	CTN	T	4663-3454
Black	6	152.4	6.25	158.8	8	.6	6.0	15.0	1.70	10	CTN	T	4663-1599

RECOMMENDED FOR: Heavy-duty heat