



PROSPECTOR™ AIR

Continental Prospector™ Air is a versatile, heavy-duty air hose for mining, construction and industrial applications. Spiral Reinforcement - 549-943 (300 PSI) 549-317 (400 PSI) Braided Reinforcement - 536-509 (300 PSI)

Performance + Specs

Tube

- SBR (536-509)
- EPDM (549-317) & (549-943)
- ARPM Class C (Limited Oil Resistance)

Cover

- EPDM Rubber
- Wrapped Finish

Reinforcement

- 1 Layer, Braided, Synthetic Yarn (1/2" to 1")
- Spiral-Plied Synthetic Fabric (1-1/4" to 3")

Temperature Range

- -40°F / -40°C ~ 220°F / 104°C

Design Factor

- 4:1

Packaging

- - 50ft Length, Coiled

Coupling

- Refer to the Continental Industrial Hose Assembly Manual for crimp specifications.

Non Stock / Sizes

- For special production run minimum requirements, Contact Customer Service.

Branding

Continental Prospector™ Air 300 PSI Max WP Made in Canada

Prospector™ Air 300

Order Codes: 549-943 (Spiral - 300 PSI), 536-509 (Braided - 1/2" to 1")

Product Numbers

ID (in)	ID (mm)	Nom. OD (in.)	Nom. OD (mm)	Length (ft)	Color	Min. Burst (PSI)	Min. Burst (Mpa)	Bend Radius (in.)	Bend Radius (mm)	WP (PSI)	WP (MPa)	Weight (lbs/ft)	Weight (kg/m)	Part Number
1/2	12.70	0.89	22.61	50	Yellow	1200	8.27	6.00	152.40	300	2.07	0.28	0.41	20070687
1/2	12.70	0.84	21.30	50	Yellow	1200	8.27			300	2.07	0.21	0.31	20031572
3/4	19.05	1.13	28.61	50	Yellow	1200	8.27			300	2.07	0.32	0.47	20031573
3/4	19.10	1.19	30.23	50	Yellow	1200	8.27	9.00	228.60	300	2.07	0.39	0.58	20070736
1	25.40	1.39	35.40	50	Yellow	1200	8.27			300	2.07	0.42	0.63	20031574
1-1/4	31.75	1.64	41.75	50	Yellow	1200	8.27			300	2.07	0.53	0.79	20020467
				300	Yellow	1200	8.27			300	2.07	0.51	0.76	20288432
1-1/2	38.10	1.92	48.74	50	Yellow	1200	8.27			300	2.07	0.67	1.00	20020471
				100	Yellow	1200	8.27			300	2.07	0.64	0.96	20020472
				200	Yellow	1200	8.27			300	2.07	0.67	1.00	20029765
				50	Yellow	1200	8.27			300	2.07	1.00	1.48	20020475
2	50.80	2.48	62.88	100	Yellow	1200	8.27			300	2.07	0.95	1.41	20020476
				400	Yellow	1200	8.27			300	2.07	1.00	1.48	20020478
2-1/2	63.50	2.98	75.58	100	Yellow	1200	8.27			300	2.07	1.16	1.72	20130394
3	76.20	3.60	91.48	100	Yellow	1200	8.27			300	2.07	1.78	2.65	20020480

Prospector™ Air 400
Order Codes: 549-317 (Spiral- 400 PSI)

Product Numbers

ID (in)	ID (mm)	Nom. OD (in.)	Nom. OD (mm)	Length (ft)	Color	Min. Burst (PSI)	Min. Burst (Mpa)	WP (PSI)	WP (MPa)	Weight (lbs/ft)	Weight (kg/m)	Part Number
1-1/4	31.75	1.72	43.67	50	Yellow	1600	11.03	400	2.76	0.62	0.92	20317200
				400	Yellow	1600	11.03	400	2.76	0.62	0.92	20818127
1-1/2	38.10	2.00	50.90	50	Yellow	1600	11.03	400	2.76	0.78	1.17	20317201
				100	Yellow	1600	11.03	400	2.76	0.78	1.17	20317202
2	50.80	2.55	64.80	50	Yellow	1600	11.03	400	2.76	1.10	1.64	20317204
				100	Yellow	1600	11.03	400	2.76	1.10	1.64	20317205
2-1/2	63.50	3.10	78.78	50	Yellow	1600	11.03	400	2.76	1.50	2.24	20317223
3	76.20	3.60	91.48	50	Yellow	1600	11.03	400	2.76	1.77	2.64	20317210
4	101.60	4.67	118.56	50	Yellow	1600	11.03	400	2.76	2.57	3.83	20317214