

BOA PARNOR

Material:

Hose:

321 and 316L stainless steel

Braid:

300 Series Stainless Steel

Construction:

Annular butt welded hydro formed standard pitched hose

Characteristics:

Economical ISO 10380 conformance, 50,000 cycle rated and pressure rated per ISO 10380 designed for less strenuous conditions than PARRAP. Available in long lengths on reels

NOMINAL DIAMETER (INCHES)	ACTUAL ID (MM)	NUMBER OF BRAIDS	NOMINAL OD (INCHES)	STATIC		DYNAMIC		BURST PRESSURE @ 70° F (PSIG)	WEIGHT PER FOOT (POUNDS)
				MINIMUM BEND RADIUS (INCHES)	MAXIMUM WORKING PRESSURE @ 70° F (PSIG)	MINIMUM BEND RADIUS (INCHES)	MAXIMUM WORKING PRESSURE @ 70° F (PSIG)		
1/4	6	0	.39	.39	420				.03
		1	.45	.98	3668	4.33	2030	8468	.11
3/8	10	0	.63	.63	276				.07
		1	.70	1.50	3857	5.90	1450	6032	.20
1/2	12	0	.73	.94	247				.08
		1	.79	1.77	2291	6.50	1160	4668	.22
3/4	20	0	1.11	1.38	168				.12
		1	1.18	2.67	1392	8.86	725	3045	.32
1	25	0	1.37	1.65	77				.15
		1	1.43	3.35	957	10.24	580	2465	.39
1 1/4	32	0	1.71	2.00	59				.25
		1	1.79	4.13	1117	11.81	580	2465	.60
1 1/2	40	0	2.06	2.40	49				.30
		1	2.14	5.12	870	13.39	465	2030	.78
2	50	0	2.55	2.88	36				.48
		1	2.65	6.30	913	15.35	465	2001	1.20
2 1/2	65	0	3.19	3.50	26				.60
		1	3.28	7.87	623	18.11	363	1580	1.55
3	80	0	3.92	4.25	20				.72
		1	4.04	9.45	522	20.47	290	1363	2.06
4	100	0	4.98	4.96	16				.85
		1	5.16	11.42	406	23.62	218	1073	2.44
5	125	0	5.98	5.79	13				2.31
		1	6.10	13.39	276	33.46	232	928	3.77
6	150	0	6.85	6.65	10				2.65
		1	6.97	15.35	232	41.33	210	841	4.52

Because of its unique disymmetrical convolution design, BOA Parnor withstands higher pressures with thinner walls, thus increasing hose life.

