



Annularly corrugated stainless steel hose, with or without braid

BOA PARRAP®

Materials:

Corrugated Hose: Stainless Steel S321 or S316L
Braid: Stainless Steel S304

Flexible, hydraulically formed corrugated metal hose available with or without metal braid. Manufactured with close pitch design for higher pressure applications. Best for use in extreme environments (-525F—+1000F) such as temperature, frequent movements, vibrations and high pressure or vacuum.

Withstands Higher Pressures With Thinner Walls!

Close convolution pitch allows for higher pressures with thinner walls

Annular S321 or S316L braided or unbraided hose

Butt welded hydro formed close pitched metal hose

Economical, 50,000 cycle rated and pressure rated per ISO 10380

Available in long lengths on reels—without braid, one braid or two braids

Typical Uses:

Fluid transfer, liquid or gases, good for vacuum, cryogenics (EN 12434)

Petrochemical industry, nuclear industry, instrumentation and HVAC industries

ID (in-mm)	OD nom (in)	# of Braid Layers	Working PSI/max (@70F)	Bend Radius min/in	Burst PSI (@70F)	Weight per Per Ft. (Pounds)
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1/4	.39	0	392			.04
6	.45	1	2030	5.50	11165	.12
3/8	.63	0	174			.09
10	.70	1	1450	6.00	8004	.23
1/2	.73	0	131			.10
12	.79	1	1160	4.88	6104	.24
3/4	1.11	0	32			.15
20	1.18	1	725	6.65	3509	.36
1	1.37	0	26			.20
25	1.43	1	580	7.68	2755	.44
1-1/4	1.71	0	22			.33
32	1.79	1	580	8.86	2973	.68
1-1/2	2.06	0	17			.40
40	2.14	1	465	10.04	2465	.88
2	2.55	0	13			.64
50	2.65	1	465	11.54	2436	1.35
2-1/2	3.19	0	10			.79
65	3.28	1	363	13.58	1871	1.74
3	4.04	0	9			.94
80	4.98	1	290	15.35	1595	2.30



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BULLETIN #504

ID In-mm	OD nom (in)	# Braid Layers	Working PSI Max (@ 70F)	Bend Radius min (Inches)	Burst Pressure (@ 70F)	Weight/Ft. (Pounds)
4	4.98	0	7			1.12
100	5.10	1	218	17.72	1247	2.71
5	5.98	0	6			3.04
125	6.10	1	232	25.60	928	4.50
6	6.85	0	4			3.48
150	6.97	1	210	32.08	841	5.35

Material:

321 & 316L stainless steel— hose standard
304 stainless steel—braid standard

Construction:

Annular butt welded and hydro formed
Closed pitch
can have more than single layer braiding
(consult factory)

Characteristics:

Extremely flexible hose.
manufactured in long continuous lengths
without segmenting.
Withstands higher pressures with thinner walls for increased hose life.
designed to ISO—10380 standards.

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ISO 9001-2015 Certified
ISO 10380 Approved