



Annular corrugated stainless steel hose for medium pressure applications

BOA-FLEX® B4

Bulletin #506

Materials:

Corrugated Hose Stainless Steel SS316L, SS321
Braid Stainless Steel SS304

Annular corrugated medium pitch stainless steel hose. Available in either SS316L or SS321 material. Braid is all SS304 material. Economical option for non-critical applications. Extremely reliable hose made to ISO 9001-2015 & ISO-10380 standards.

**Reliable, Economical
Option for Most Non-
Critical Applications**

Annular SS316L or SS321 flexible hose

Available with or without braid (braid wire is SS304)

Sizes range from 2"ID up to 14"ID

2-1/2"ID –14"ID made on single convolution hydro-formers

(Consult factory for other sizes or available materials)

Typical Uses:

Liquid, gas or solids transfer applications

ID" nom	OD" nom	# of Braids (@70F)	Working PSI max	Bend Radius (inches)	Burst PSI	Weight per Ft./lbs.
1/4	.46	0	115	3.00	5200	.05
	.44	1	1300	3.00		.16
3/8	.56	0	110	3.00	5000	.09
	.69	1	1250	3.00		.17
1/2	.79	0	80	4.00	4000	.12
	.83	1	1000	4.00		.21
3/4	1.04	0	70	5.00	2860	.19
	1.13	1	714	5.00		.35
1	1.24	0	50	6.40	2800	.25
	1.36	1	600	6.40		.55
1-1/4	1.52	0	35	6.60	2000	.28
	1.65	1	450	6.60		.62
1-1/2	N/A	0	25	8.20	1600	.33
	N/A	1	400	8.20		.69
2	N/A	0	15	9.10	1000	.60
	N/A	1	250	9.10		1.02
2-1/2	3.14	0	7	8.86	1285	1.29
	3.27	1	300	8.86		1.94



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ID" NOM	OD" NOM	# Braid Layers	Working PSI Max (@ 70F)	Bend Radius (Inches)	Burst Pressure	Weight/Ft. (Lbs.)
3	3.98	0	4	9.84	1080	1.51
	4.14	1	270	9.84		2.43
4	5.00	0	4	11.81	770	1.92
	5.16	1	192	11.81		3.01
5	6.06	0	2	17.23	942	2.65
	6.22	1	235	17.23		3.73
6	7.13	0	2	19.69	857	3.60
	7.33	1	225	19.69		5.48
8	9.19	0	2	29.50	800	6.56
	9.43	1	200	29.50		9.52
10	11.24	0	2	34.50	630	9.74
	11.48	1	157	34.50		13.44
12	13.27	0	1	44.50	620	N/A
	13.55	1	155	44.50		18.44

Material:

Hose: 316L or 321 stainless steel—standard

Braid: 304 stainless steel—standard

Sizes: Up to 16"ID available (consult factory for larger sizes)

Other materials may be available (consult factory)

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ISO 9001-2015 Certified
ISO 10380 Approved